LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-01

Date / Time: 12/26/2018 04:13:16 PM
**Headroom 4.3 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 43 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.4 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 4.3 | 5.1 | 4.3 | 5.3 |
| Freq. (MHz) | 484.0 | 438.0 | 484.0 | 485.0 |
| Limit (dB) | 26.5 | 27.7 | 26.5 | 26.5 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 6.3 | 6.4 | 6.3 | 6.7 |
| Freq. (MHz) | 438.0 | 438.0 | 497.0 | 497.0 |
| Limit (dB) | 24.8 | 24.8 | 23.3 | 23.3 |

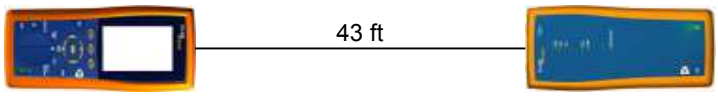
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.9 | 13.5 | 15.1 | 14.7 |
| Freq. (MHz) | 400.0 | 401.0 | 472.0 | 472.0 |
| Limit (dB) | 11.2 | 11.2 | 9.8 | 9.8 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 16.0 | 16.5 | 16.6 | 17.6 |
| Freq. (MHz) | 401.0 | 400.0 | 473.0 | 472.0 |
| Limit (dB) | 8.2 | 8.2 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.2 | 17.5 | 46.3 | 47.3 |
| Freq. (MHz) | 16.0 | 16.3 | 484.0 | 485.0 |
| Limit (dB) | 45.0 | 44.9 | -22.0 | -22.0 |
| Worst Pair | 78 | 12 | 36 | 36 |
| **PS ACR-N (dB)** | 18.0 | 17.0 | 49.1 | 48.7 |
| Freq. (MHz) | 17.3 | 7.3 | 498.0 | 487.0 |
| Limit (dB) | 41.6 | 50.8 | -25.9 | -25.1 |

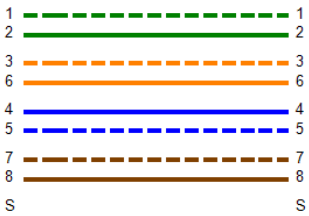
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 9.7 | 9.6 | 9.7 | 9.6 |
| Freq. (MHz) | 474.0 | 431.0 | 474.0 | 431.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

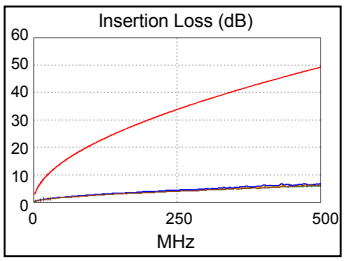
Compliant Network Standards:

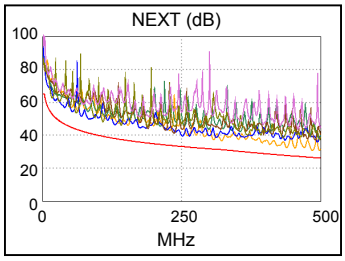
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

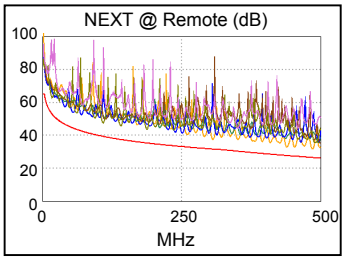


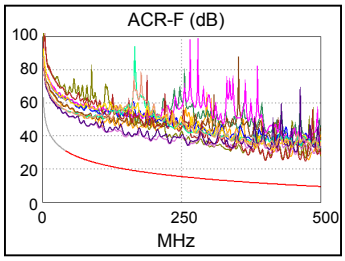

Wire Map (T568A)
**PASS**

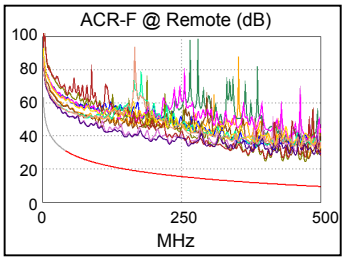


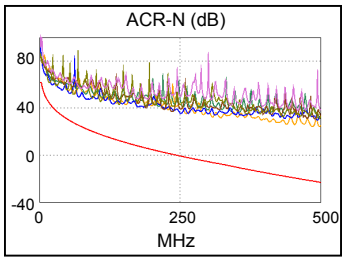



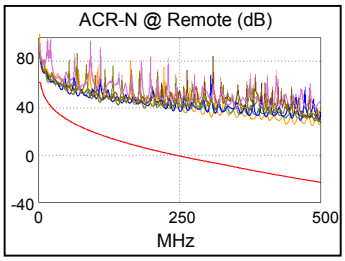



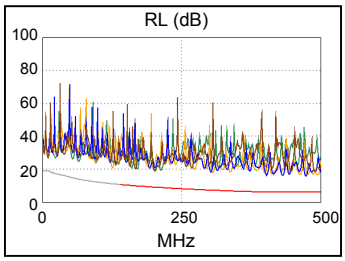



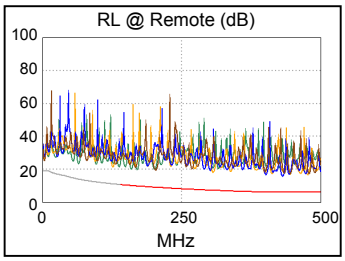



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-02

Date / Time: 12/26/2018 04:13:57 PM
**Headroom 5.8 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.8 | 7.6 | 5.8 | 8.2 |
| Freq. (MHz) | 480.0 | 449.0 | 480.0 | 495.0 |
| Limit (dB) | 26.6 | 27.4 | 26.6 | 26.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 7.5 | 7.3 | 7.5 | 7.3 |
| Freq. (MHz) | 480.0 | 485.0 | 480.0 | 485.0 |
| Limit (dB) | 23.7 | 23.6 | 23.7 | 23.6 |

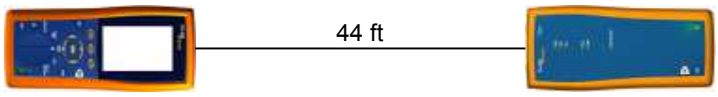
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 12.9 | 12.9 | 13.1 | 13.1 |
| Freq. (MHz) | 439.0 | 439.0 | 470.0 | 470.0 |
| Limit (dB) | 10.4 | 10.4 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 13.6 | 14.7 | 14.1 | 14.7 |
| Freq. (MHz) | 440.0 | 440.0 | 472.0 | 440.0 |
| Limit (dB) | 7.4 | 7.4 | 6.8 | 7.4 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 12-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.1 | 18.8 | 47.5 | 49.8 |
| Freq. (MHz) | 16.1 | 17.8 | 480.0 | 483.0 |
| Limit (dB) | 45.0 | 43.9 | -21.6 | -21.9 |
| Worst Pair | 78 | 12 | 36 | 36 |
| **PS ACR-N (dB)** | 18.1 | 18.7 | 49.2 | 49.2 |
| Freq. (MHz) | 16.1 | 17.3 | 480.0 | 485.0 |
| Limit (dB) | 42.3 | 41.6 | -24.5 | -24.9 |

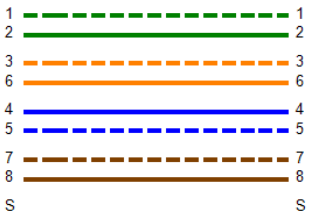
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12 | 12 | 36 | 36 |
| **RL (dB)** | 7.3 | 7.7 | 8.4 | 8.7 |
| Freq. (MHz) | 201.5 | 158.5 | 472.0 | 473.0 |
| Limit (dB) | 9.0 | 10.0 | 6.0 | 6.0 |

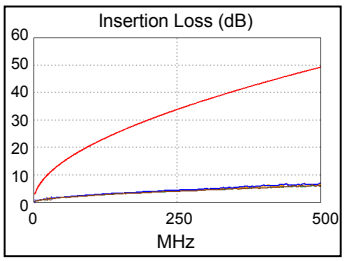
Compliant Network Standards:

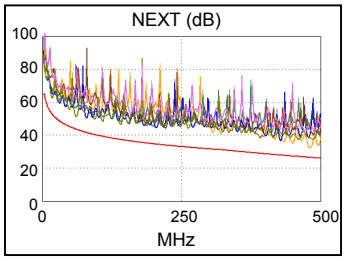
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

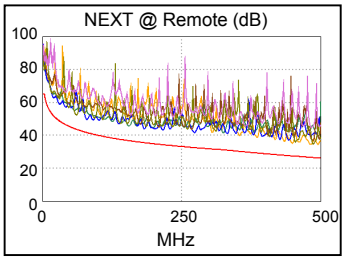


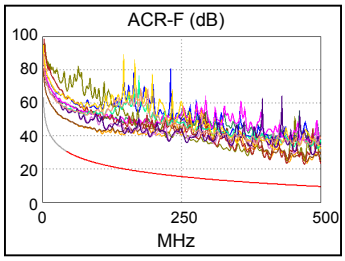

Wire Map (T568A)
**PASS**

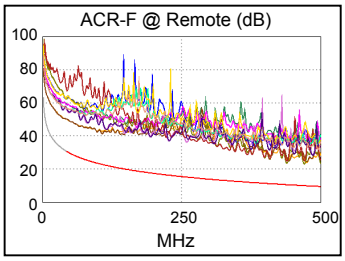


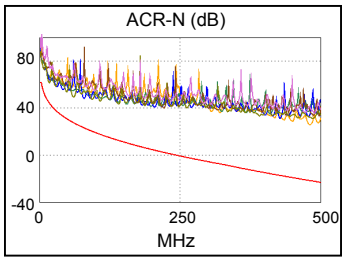



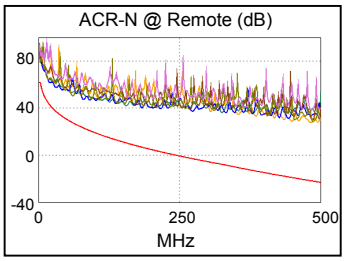



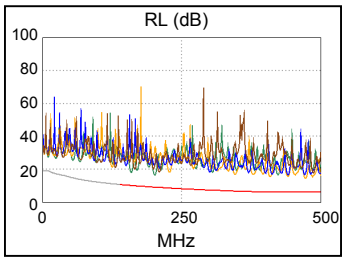



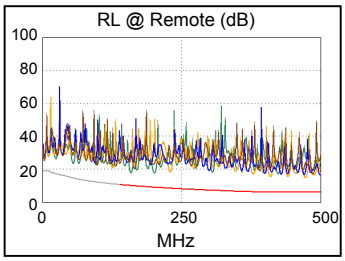



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-03

Date / Time: 12/26/2018 04:14:28 PM
**Headroom 5.2 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 43 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 36] | 40.7 |
| Frequency (MHz) | [Pair 36] | 472.0 |
| Limit (dB) | [Pair 36] | 47.8 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.2 | 5.9 | 5.7 | 5.9 |
| Freq. (MHz) | 418.0 | 497.0 | 496.0 | 497.0 |
| Limit (dB) | 28.2 | 26.2 | 26.2 | 26.2 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 6.3 | 5.8 | 6.6 | 6.0 |
| Freq. (MHz) | 310.0 | 437.0 | 496.0 | 496.0 |
| Limit (dB) | 28.5 | 24.8 | 23.3 | 23.3 |

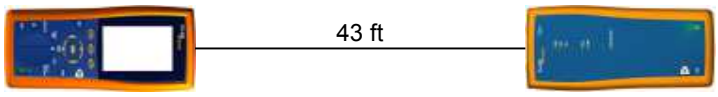
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 12.3 | 12.5 | 12.3 | 12.5 |
| Freq. (MHz) | 439.0 | 471.0 | 471.0 | 471.0 |
| Limit (dB) | 10.4 | 9.8 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 14.4 | 14.8 | 14.6 | 15.0 |
| Freq. (MHz) | 440.0 | 440.0 | 471.0 | 471.0 |
| Limit (dB) | 7.4 | 7.4 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.0 | 15.8 | 48.4 | 48.7 |
| Freq. (MHz) | 3.8 | 8.0 | 496.0 | 497.0 |
| Limit (dB) | 59.5 | 52.4 | -22.9 | -23.0 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS ACR-N (dB)** | 17.8 | 15.8 | 49.6 | 49.0 |
| Freq. (MHz) | 3.8 | 7.6 | 496.0 | 496.0 |
| Limit (dB) | 57.0 | 50.3 | -25.8 | -25.8 |

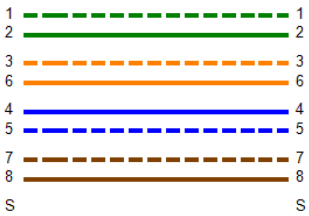
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12 | 12 | 36 | 36 |
| **RL (dB)** | 7.7 | 7.9 | 8.2 | 8.8 |
| Freq. (MHz) | 201.5 | 159.0 | 473.0 | 410.0 |
| Limit (dB) | 9.0 | 10.0 | 6.0 | 6.0 |

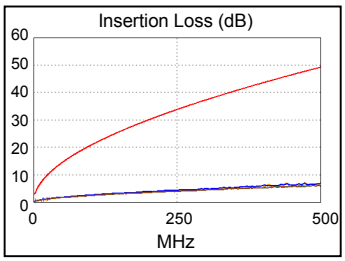
Compliant Network Standards:

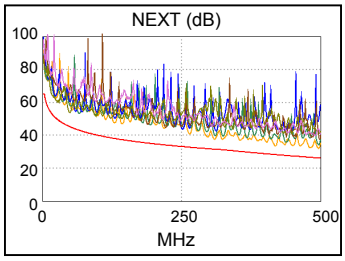
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

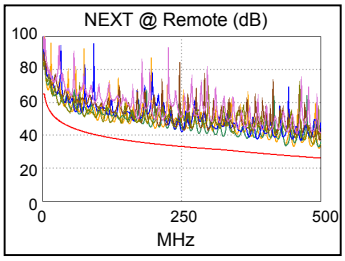


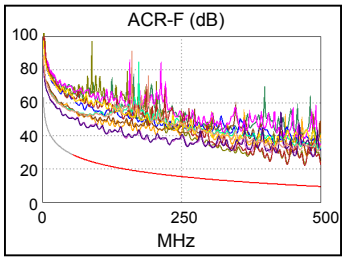

Wire Map (T568A)
**PASS**

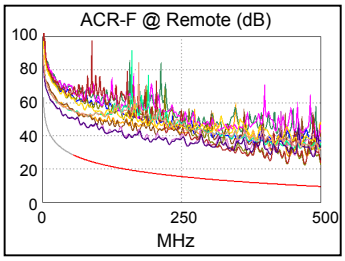


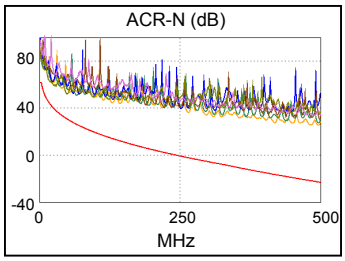



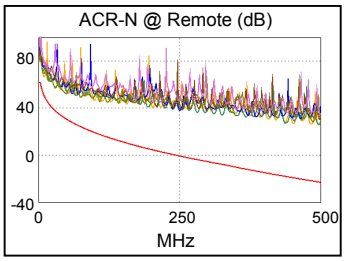



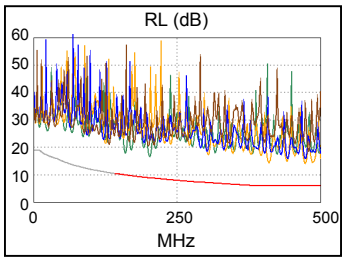



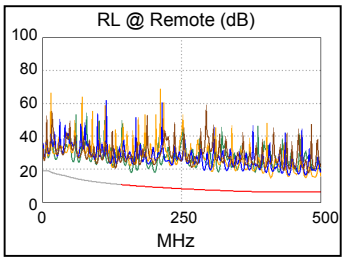



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-02-PT-04

Date / Time: 12/26/2018 04:15:02 PM
**Headroom 6.5 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.2 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-78 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.5 | 8.2 | 7.3 | 8.8 |
| Freq. (MHz) | 418.0 | 79.5 | 495.0 | 495.0 |
| Limit (dB) | 28.2 | 41.6 | 26.2 | 26.2 |
| Worst Pair | 36 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 7.6 | 7.8 | 8.8 | 9.4 |
| Freq. (MHz) | 419.0 | 99.8 | 496.0 | 496.0 |
| Limit (dB) | 25.3 | 37.1 | 23.3 | 23.3 |

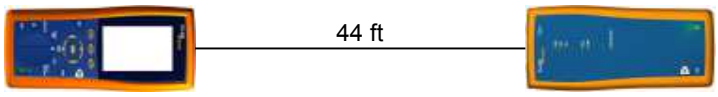
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 36-45 |
| **ACR-F (dB)** | 15.2 | 14.6 | 15.2 | 15.4 |
| Freq. (MHz) | 499.0 | 438.0 | 499.0 | 499.0 |
| Limit (dB) | 9.3 | 10.4 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.0 | 16.9 | 17.5 | 16.9 |
| Freq. (MHz) | 439.0 | 499.0 | 499.0 | 499.0 |
| Limit (dB) | 7.4 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 12-78 | 12-36 | 36-45 |
| **ACR-N (dB)** | 18.2 | 18.6 | 50.0 | 50.6 |
| Freq. (MHz) | 2.5 | 19.9 | 495.0 | 484.0 |
| Limit (dB) | 61.7 | 42.6 | -22.8 | -22.0 |
| Worst Pair | 12 | 12 | 36 | 45 |
| **PS ACR-N (dB)** | 18.0 | 17.4 | 51.6 | 52.0 |
| Freq. (MHz) | 3.1 | 7.3 | 496.0 | 497.0 |
| Limit (dB) | 58.3 | 50.8 | -25.8 | -25.8 |

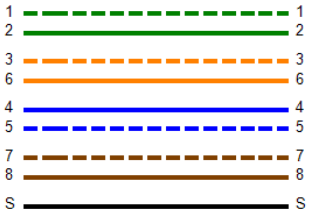
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12 | 12 | 45 | 78 |
| **RL (dB)** | 8.5 | 9.1 | 8.7 | 9.3 |
| Freq. (MHz) | 201.0 | 200.5 | 497.0 | 475.0 |
| Limit (dB) | 9.0 | 9.0 | 6.0 | 6.0 |

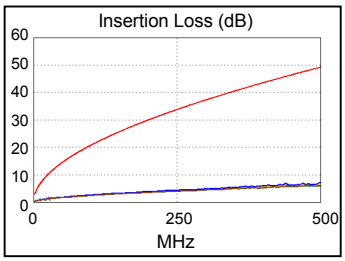
Compliant Network Standards:

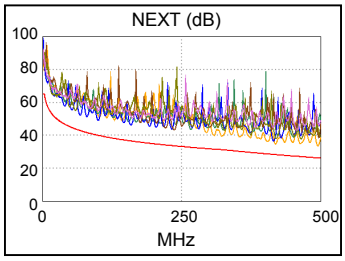
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

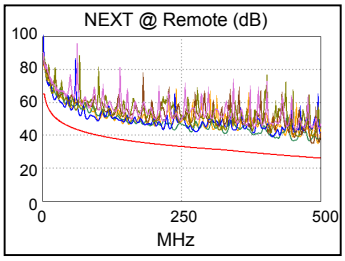


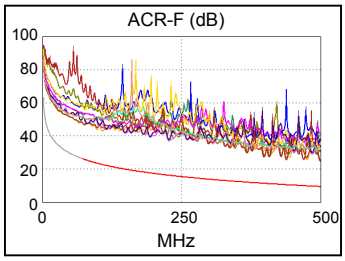

Wire Map (T568A)
**PASS**

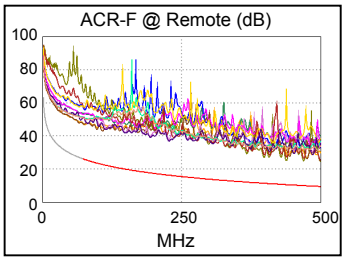


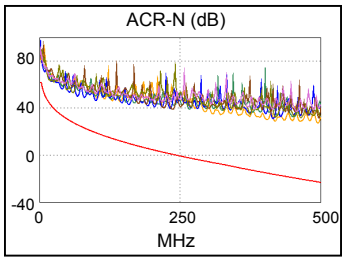



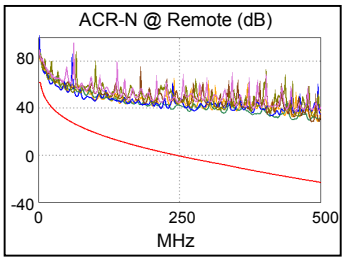



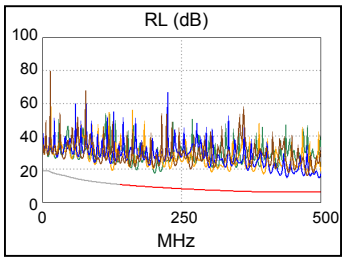



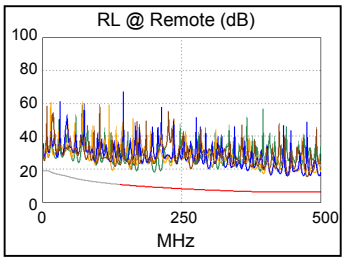



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-05

Date / Time: 12/26/2018 04:15:34 PM
**Headroom 5.5 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.1 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.0 | 5.5 | 6.0 | 5.5 |
| Freq. (MHz) | 495.0 | 449.0 | 495.0 | 495.0 |
| Limit (dB) | 26.2 | 27.4 | 26.2 | 26.2 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 6.7 | 6.2 | 6.7 | 6.2 |
| Freq. (MHz) | 496.0 | 449.0 | 496.0 | 495.0 |
| Limit (dB) | 23.3 | 24.5 | 23.3 | 23.3 |

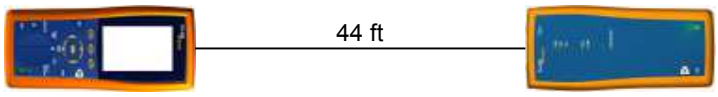
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.9 | 13.3 | 13.9 | 13.3 |
| Freq. (MHz) | 398.0 | 439.0 | 439.0 | 439.0 |
| Limit (dB) | 11.3 | 10.4 | 10.4 | 10.4 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 15.7 | 16.2 | 15.7 | 16.2 |
| Freq. (MHz) | 440.0 | 440.0 | 440.0 | 440.0 |
| Limit (dB) | 7.4 | 7.4 | 7.4 | 7.4 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 45-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.7 | 18.7 | 48.6 | 48.1 |
| Freq. (MHz) | 3.0 | 10.1 | 495.0 | 495.0 |
| Limit (dB) | 61.4 | 50.0 | -22.8 | -22.8 |
| Worst Pair | 45 | 45 | 36 | 12 |
| **PS ACR-N (dB)** | 20.1 | 19.9 | 49.4 | 49.3 |
| Freq. (MHz) | 3.0 | 9.6 | 496.0 | 495.0 |
| Limit (dB) | 58.4 | 47.9 | -25.8 | -25.7 |

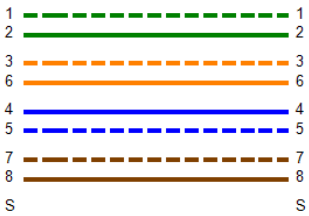
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 7.6 | 8.6 | 7.6 | 8.6 |
| Freq. (MHz) | 481.0 | 440.0 | 481.0 | 440.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

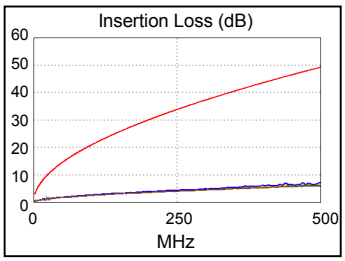
Compliant Network Standards:

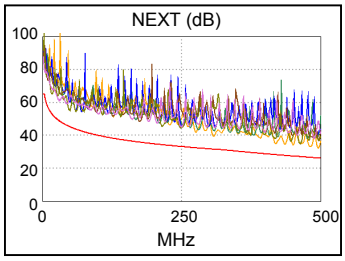
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

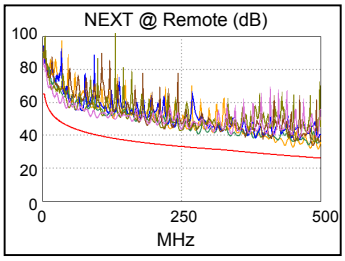


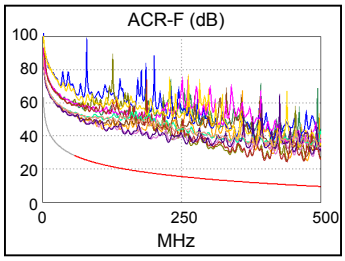

Wire Map (T568A)
**PASS**

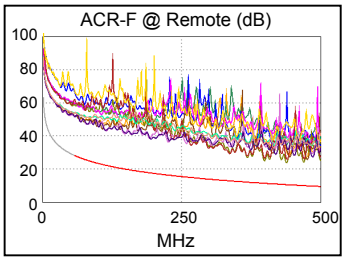


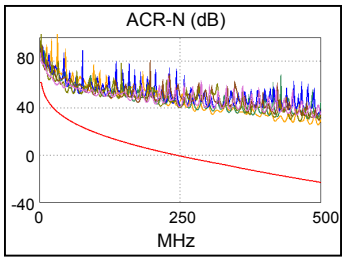



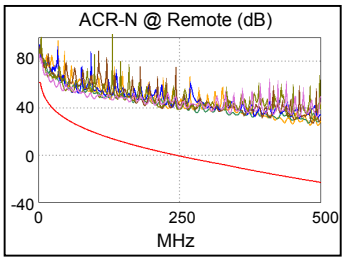



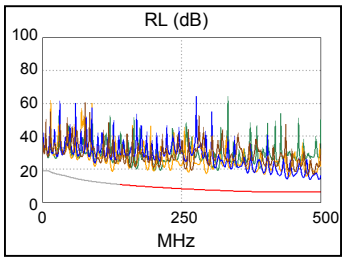



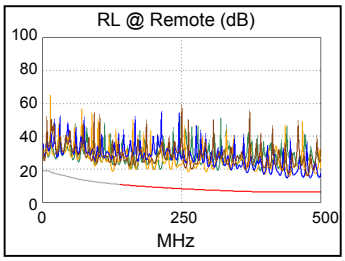



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-06

Date / Time: 12/26/2018 04:16:09 PM
**Headroom 6.3 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.6 | 6.3 | 6.6 | 6.3 |
| Freq. (MHz) | 483.0 | 483.0 | 483.0 | 483.0 |
| Limit (dB) | 26.5 | 26.5 | 26.5 | 26.5 |
| Worst Pair | 12 | 36 | 12 | 36 |
| **PS NEXT (dB)** | 7.3 | 7.4 | 7.3 | 7.6 |
| Freq. (MHz) | 496.0 | 485.0 | 496.0 | 498.0 |
| Limit (dB) | 23.3 | 23.6 | 23.3 | 23.3 |

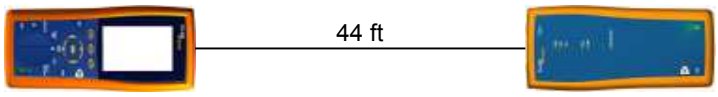
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.1 | 13.5 | 14.1 | 13.5 |
| Freq. (MHz) | 471.0 | 471.0 | 471.0 | 471.0 |
| Limit (dB) | 9.8 | 9.8 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 16.2 | 16.5 | 16.2 | 16.5 |
| Freq. (MHz) | 472.0 | 400.0 | 472.0 | 471.0 |
| Limit (dB) | 6.8 | 8.2 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-78 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.9 | 18.5 | 48.5 | 48.2 |
| Freq. (MHz) | 3.0 | 14.8 | 483.0 | 483.0 |
| Limit (dB) | 61.4 | 46.0 | -21.9 | -21.9 |
| Worst Pair | 12 | 78 | 12 | 36 |
| **PS ACR-N (dB)** | 18.2 | 18.6 | 50.5 | 49.4 |
| Freq. (MHz) | 3.0 | 6.6 | 496.0 | 485.0 |
| Limit (dB) | 58.4 | 51.7 | -25.8 | -24.9 |

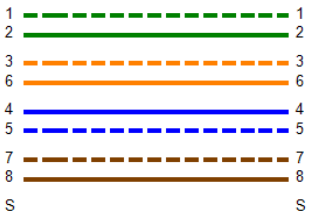
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12 | 45 | 45 | 45 |
| **RL (dB)** | 8.6 | 9.2 | 9.0 | 9.2 |
| Freq. (MHz) | 202.0 | 471.0 | 471.0 | 471.0 |
| Limit (dB) | 8.9 | 6.0 | 6.0 | 6.0 |

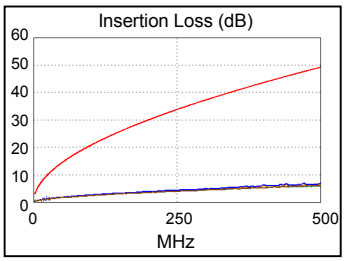
Compliant Network Standards:

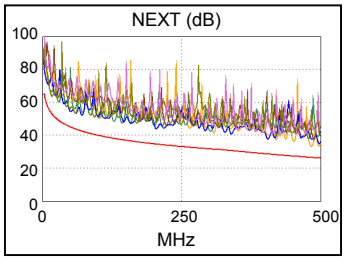
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

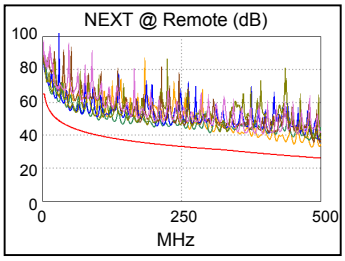


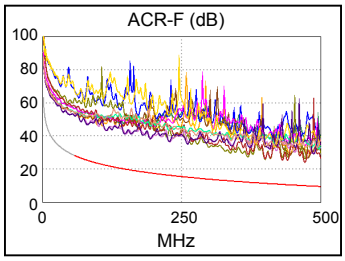

Wire Map (T568A)
**PASS**

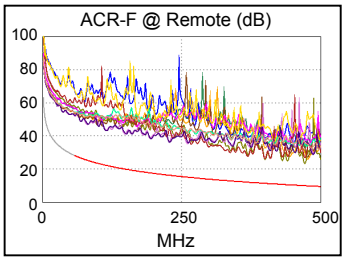


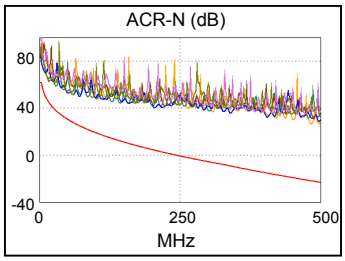



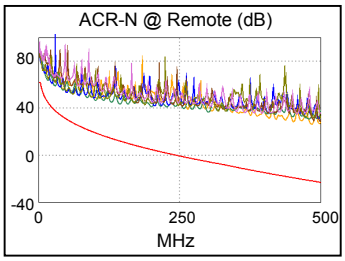



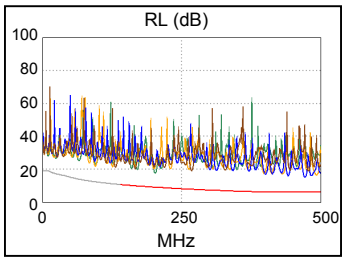



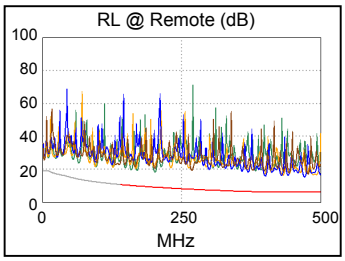



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-07

Date / Time: 12/26/2018 04:16:41 PM
**Headroom 3.6 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.2 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.5 | 3.6 | 5.5 | 4.1 |
| Freq. (MHz) | 483.0 | 450.0 | 496.0 | 496.0 |
| Limit (dB) | 26.5 | 27.3 | 26.2 | 26.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 6.8 | 4.9 | 6.8 | 4.9 |
| Freq. (MHz) | 482.0 | 497.0 | 482.0 | 497.0 |
| Limit (dB) | 23.7 | 23.3 | 23.7 | 23.3 |

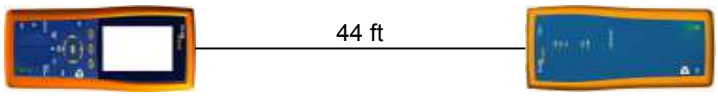
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 12.4 | 12.4 | 12.4 | 12.4 |
| Freq. (MHz) | 440.0 | 471.0 | 471.0 | 471.0 |
| Limit (dB) | 10.4 | 9.8 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 14.0 | 14.9 | 14.1 | 15.2 |
| Freq. (MHz) | 440.0 | 440.0 | 472.0 | 471.0 |
| Limit (dB) | 7.4 | 7.4 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 16.5 | 18.1 | 47.9 | 46.6 |
| Freq. (MHz) | 16.1 | 16.1 | 495.0 | 496.0 |
| Limit (dB) | 45.0 | 45.0 | -22.8 | -22.9 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 18.0 | 18.8 | 48.5 | 47.5 |
| Freq. (MHz) | 15.3 | 15.1 | 482.0 | 496.0 |
| Limit (dB) | 43.0 | 43.0 | -24.7 | -25.8 |

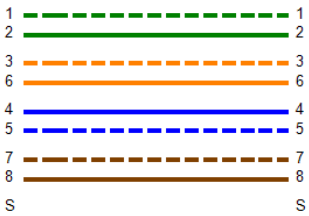
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12 | 36 | 36 | 36 |
| **RL (dB)** | 8.2 | 7.6 | 8.4 | 7.6 |
| Freq. (MHz) | 201.5 | 442.0 | 473.0 | 442.0 |
| Limit (dB) | 9.0 | 6.0 | 6.0 | 6.0 |

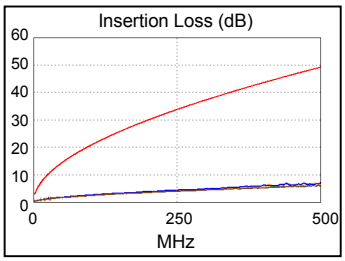
Compliant Network Standards:

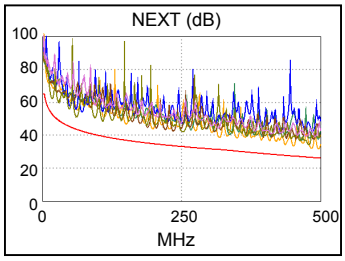
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

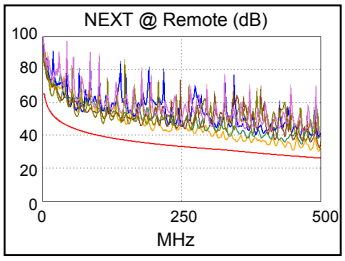


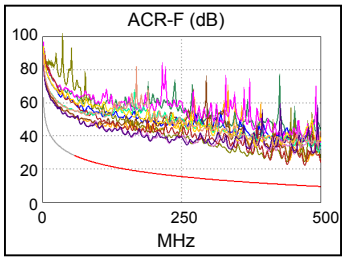

Wire Map (T568A)
**PASS**

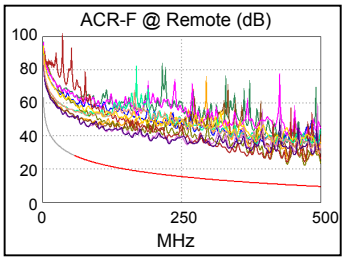


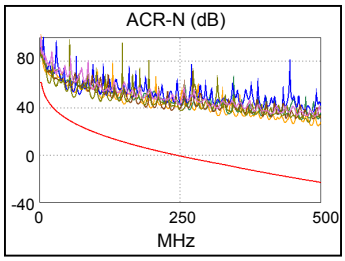



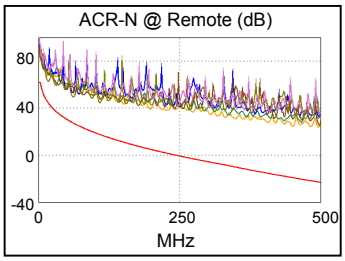



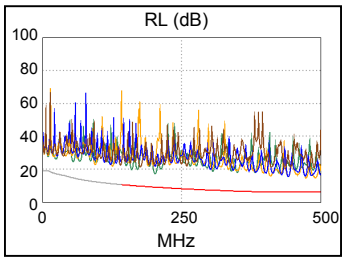



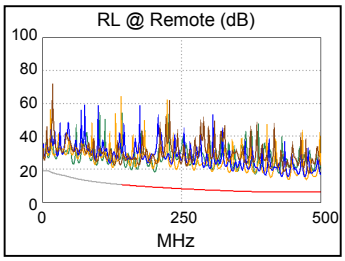



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-02-PT-08

Date / Time: 12/26/2018 04:17:12 PM
**Headroom 5.9 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.2 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.8 | 5.9 | 6.9 | 5.9 |
| Freq. (MHz) | 418.0 | 496.0 | 496.0 | 496.0 |
| Limit (dB) | 28.2 | 26.2 | 26.2 | 26.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 7.5 | 6.5 | 7.9 | 6.5 |
| Freq. (MHz) | 418.0 | 487.0 | 497.0 | 487.0 |
| Limit (dB) | 25.3 | 23.5 | 23.3 | 23.5 |

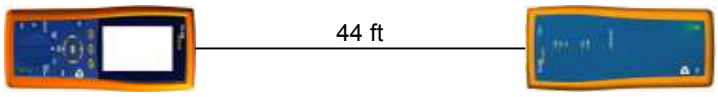
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.3 | 14.4 | 15.0 | 14.7 |
| Freq. (MHz) | 400.0 | 400.0 | 471.0 | 471.0 |
| Limit (dB) | 11.2 | 11.2 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 16.7 | 16.3 | 17.1 | 16.6 |
| Freq. (MHz) | 400.0 | 400.0 | 472.0 | 441.0 |
| Limit (dB) | 8.2 | 8.2 | 6.8 | 7.4 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.0 | 17.8 | 49.6 | 48.6 |
| Freq. (MHz) | 16.1 | 7.5 | 496.0 | 496.0 |
| Limit (dB) | 45.0 | 53.0 | -22.9 | -22.9 |
| Worst Pair | 45 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 17.7 | 18.0 | 50.6 | 48.5 |
| Freq. (MHz) | 8.0 | 7.3 | 497.0 | 487.0 |
| Limit (dB) | 49.8 | 50.8 | -25.8 | -25.1 |

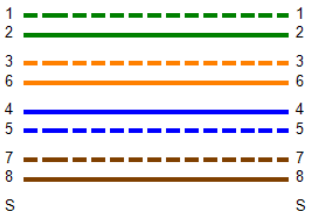
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 78 | 36 | 78 | 36 |
| **RL (dB)** | 9.6 | 10.2 | 9.6 | 10.8 |
| Freq. (MHz) | 488.0 | 157.5 | 488.0 | 432.0 |
| Limit (dB) | 6.0 | 10.0 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

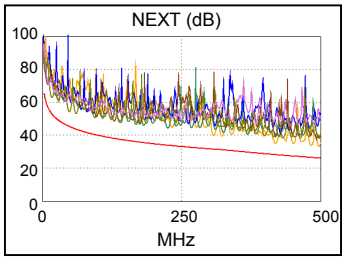


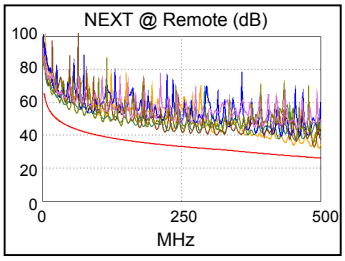

Wire Map (T568A)
**PASS**

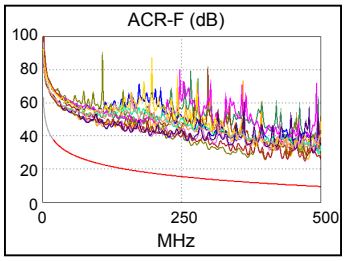


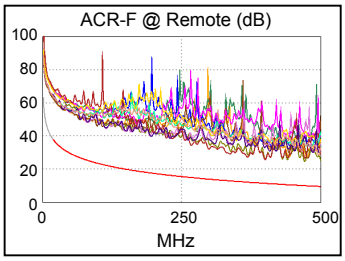


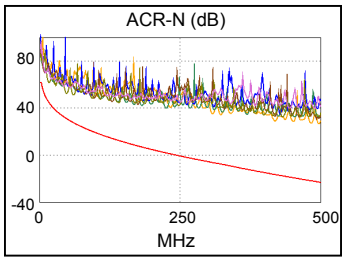


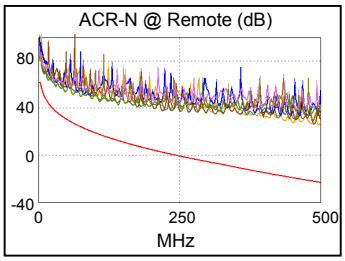


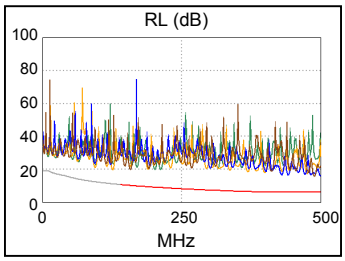



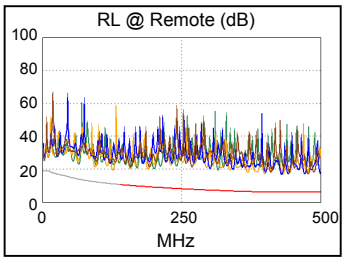



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-09

Date / Time: 12/26/2018 04:17:41 PM
**Headroom 4.6 dB (NEXT 36-45)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.0 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 36-45 | 12-36 | 12-36 |
| **NEXT (dB)** | 4.6 | 5.9 | 6.1 | 6.5 |
| Freq. (MHz) | 234.5 | 316.0 | 496.0 | 496.0 |
| Limit (dB) | 33.6 | 31.4 | 26.2 | 26.2 |
| Worst Pair | 36 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 6.3 | 5.8 | 6.8 | 5.8 |
| Freq. (MHz) | 419.0 | 496.0 | 495.0 | 496.0 |
| Limit (dB) | 25.3 | 23.3 | 23.3 | 23.3 |

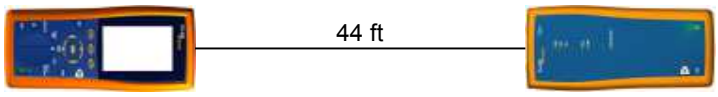
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 45-36 |
| **ACR-F (dB)** | 12.5 | 12.7 | 12.5 | 12.7 |
| Freq. (MHz) | 471.0 | 439.0 | 471.0 | 471.0 |
| Limit (dB) | 9.8 | 10.4 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 14.5 | 13.9 | 14.5 | 14.3 |
| Freq. (MHz) | 440.0 | 440.0 | 440.0 | 471.0 |
| Limit (dB) | 7.4 | 7.4 | 7.4 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 15.6 | 14.6 | 48.8 | 49.2 |
| Freq. (MHz) | 4.6 | 6.1 | 496.0 | 496.0 |
| Limit (dB) | 57.6 | 55.0 | -22.9 | -22.9 |
| Worst Pair | 36 | 36 | 12 | 12 |
| **PS ACR-N (dB)** | 15.8 | 13.9 | 49.8 | 48.9 |
| Freq. (MHz) | 15.3 | 6.8 | 495.0 | 496.0 |
| Limit (dB) | 43.0 | 51.5 | -25.7 | -25.8 |

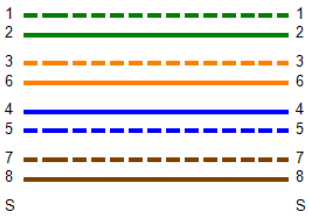
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 36 | 45 | 36 |
| **RL (dB)** | 7.8 | 9.3 | 7.8 | 9.3 |
| Freq. (MHz) | 499.0 | 441.0 | 499.0 | 441.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

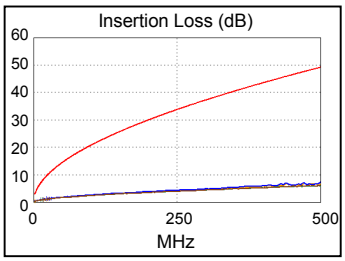
Compliant Network Standards:

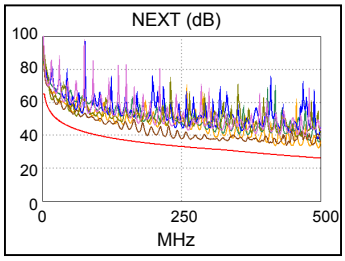
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

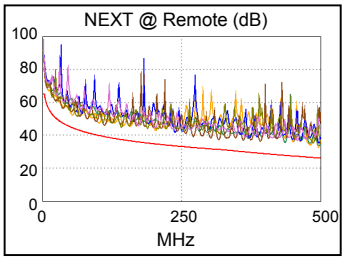


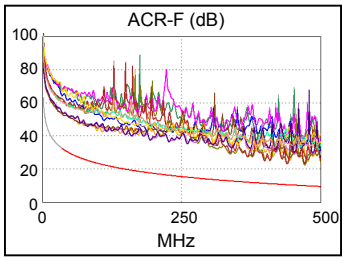

Wire Map (T568A)
**PASS**

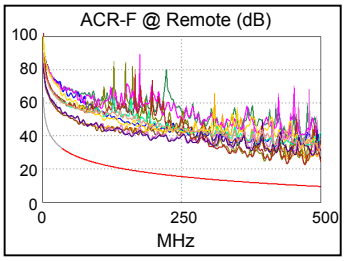


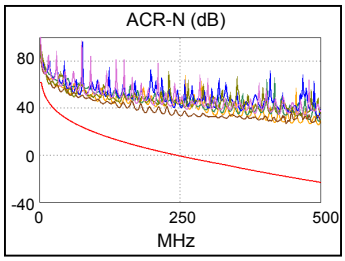



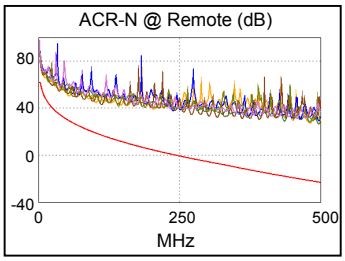



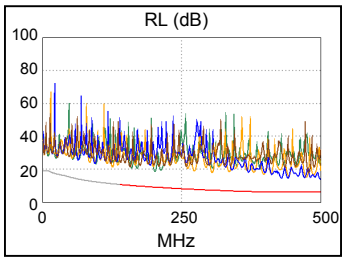



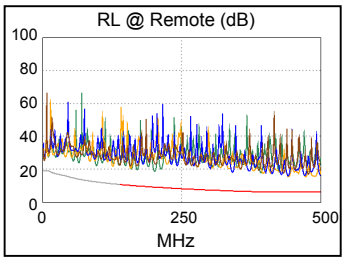



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-02-PT-10

Date / Time: 12/26/2018 04:20:29 PM
**Headroom 2.9 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 36] | 40.6 |
| Frequency (MHz) | [Pair 36] | 471.0 |
| Limit (dB) | [Pair 36] | 47.7 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 2.9 | 3.7 | 2.9 | 3.7 |
| Freq. (MHz) | 494.0 | 494.0 | 494.0 | 494.0 |
| Limit (dB) | 26.2 | 26.2 | 26.2 | 26.2 |
| Worst Pair | 36 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 5.4 | 5.9 | 5.4 | 5.9 |
| Freq. (MHz) | 494.0 | 494.0 | 494.0 | 495.0 |
| Limit (dB) | 23.4 | 23.4 | 23.4 | 23.3 |

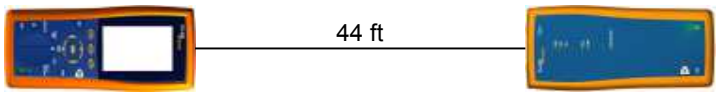
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.0 | 13.4 | 13.0 | 13.4 |
| Freq. (MHz) | 469.0 | 469.0 | 469.0 | 469.0 |
| Limit (dB) | 9.8 | 9.8 | 9.8 | 9.8 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 15.7 | 15.7 | 15.7 | 15.7 |
| Freq. (MHz) | 470.0 | 469.0 | 470.0 | 469.0 |
| Limit (dB) | 6.8 | 6.8 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-45 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 16.9 | 16.6 | 45.3 | 46.1 |
| Freq. (MHz) | 13.6 | 14.0 | 494.0 | 494.0 |
| Limit (dB) | 46.8 | 46.5 | -22.7 | -22.7 |
| Worst Pair | 12 | 12 | 36 | 36 |
| **PS ACR-N (dB)** | 17.9 | 17.7 | 47.9 | 48.5 |
| Freq. (MHz) | 13.1 | 13.4 | 494.0 | 495.0 |
| Limit (dB) | 44.6 | 44.4 | -25.6 | -25.7 |

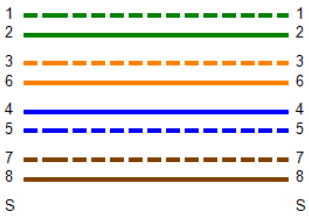
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 8.4 | 7.9 | 8.4 | 7.9 |
| Freq. (MHz) | 471.0 | 470.0 | 471.0 | 470.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

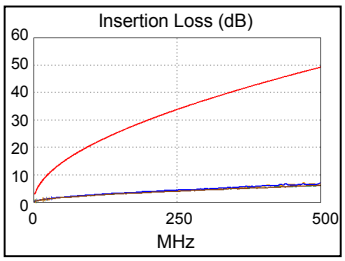
Compliant Network Standards:

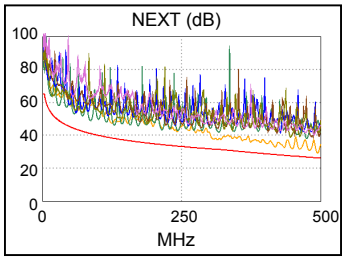
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

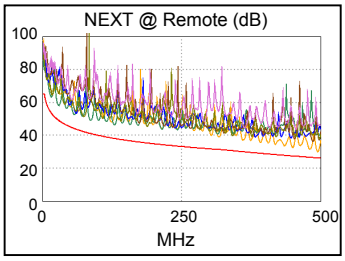


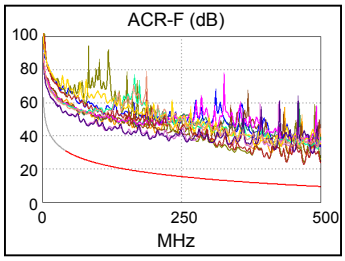

Wire Map (T568A)
**PASS**

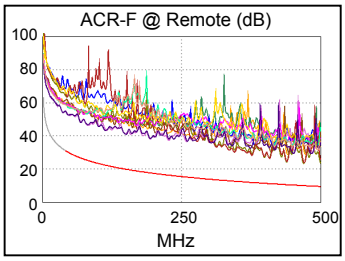


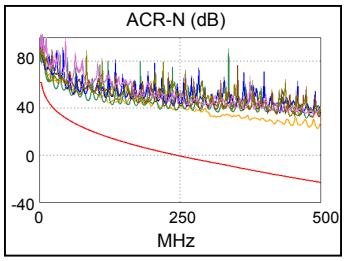



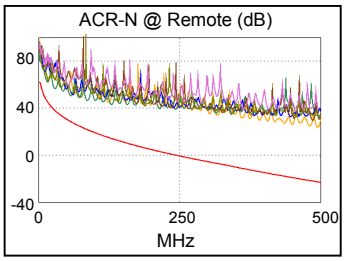



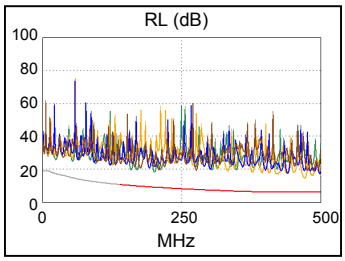



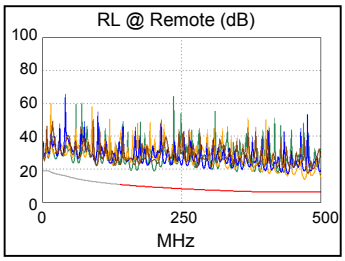



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-11

Date / Time: 12/26/2018 04:20:58 PM
**Headroom 7.1 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 7.1 | 7.1 | 7.1 | 7.4 |
| Freq. (MHz) | 496.0 | 451.0 | 496.0 | 496.0 |
| Limit (dB) | 26.2 | 27.3 | 26.2 | 26.2 |
| Worst Pair | 78 | 78 | 12 | 12 |
| **PS NEXT (dB)** | 6.9 | 7.4 | 7.5 | 7.8 |
| Freq. (MHz) | 59.3 | 59.5 | 482.0 | 496.0 |
| Limit (dB) | 41.0 | 41.0 | 23.7 | 23.3 |

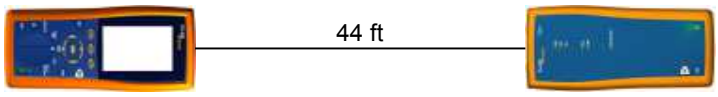
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 12-36 | 36-45 |
| **ACR-F (dB)** | 14.8 | 14.5 | 15.2 | 15.0 |
| Freq. (MHz) | 399.0 | 399.0 | 476.0 | 470.0 |
| Limit (dB) | 11.2 | 11.2 | 9.7 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 16.6 | 17.1 | 17.1 | 17.1 |
| Freq. (MHz) | 399.0 | 440.0 | 471.0 | 440.0 |
| Limit (dB) | 8.2 | 7.4 | 6.8 | 7.4 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 12-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.6 | 17.0 | 49.9 | 50.2 |
| Freq. (MHz) | 10.1 | 3.0 | 496.0 | 496.0 |
| Limit (dB) | 50.0 | 61.4 | -22.9 | -22.9 |
| Worst Pair | 78 | 78 | 36 | 12 |
| **PS ACR-N (dB)** | 17.3 | 16.9 | 51.0 | 50.9 |
| Freq. (MHz) | 13.6 | 3.3 | 497.0 | 496.0 |
| Limit (dB) | 44.2 | 58.2 | -25.8 | -25.8 |

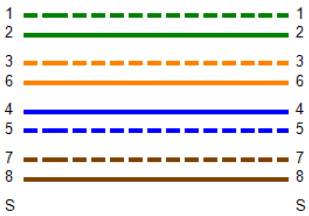
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 78 | 78 | 78 | 78 |
| **RL (dB)** | 7.9 | 8.9 | 7.9 | 9.7 |
| Freq. (MHz) | 486.0 | 157.5 | 486.0 | 477.0 |
| Limit (dB) | 6.0 | 10.0 | 6.0 | 6.0 |

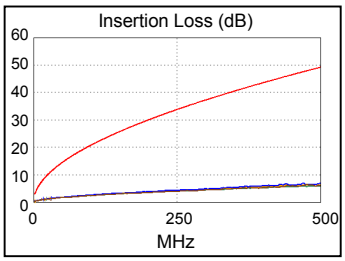
Compliant Network Standards:

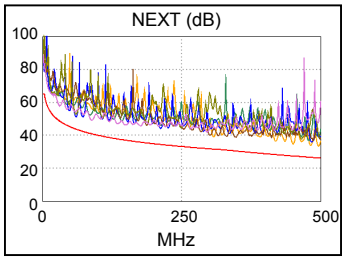
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

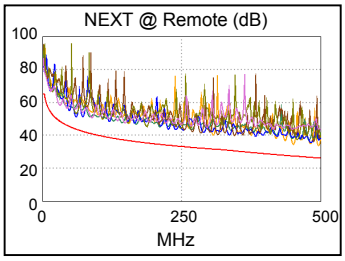


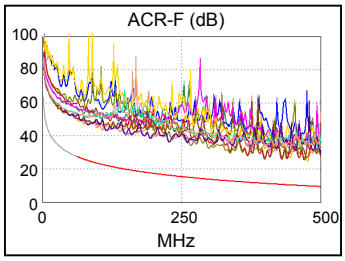

Wire Map (T568A)
**PASS**

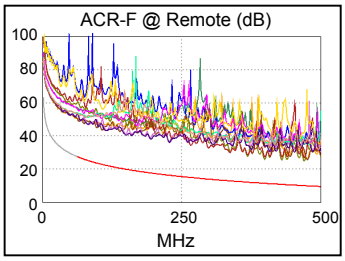


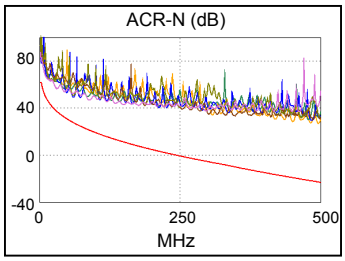



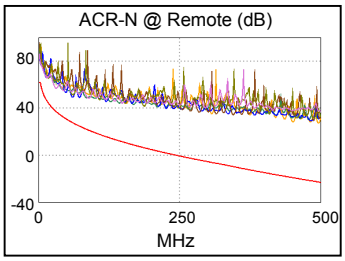



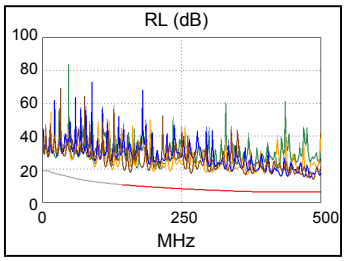



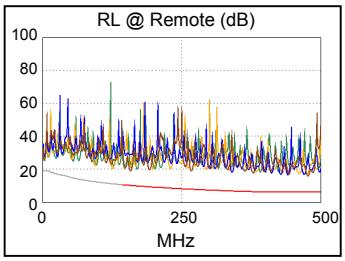



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-12

Date / Time: 12/26/2018 04:21:29 PM
**Headroom 4.8 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.2 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.5 | 4.8 | 5.5 | 4.8 |
| Freq. (MHz) | 483.0 | 452.0 | 498.0 | 498.0 |
| Limit (dB) | 26.5 | 27.3 | 26.1 | 26.1 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 7.2 | 6.0 | 7.2 | 6.0 |
| Freq. (MHz) | 498.0 | 497.0 | 498.0 | 497.0 |
| Limit (dB) | 23.3 | 23.3 | 23.3 | 23.3 |

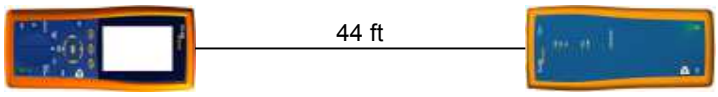
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.1 | 13.9 | 14.1 | 13.9 |
| Freq. (MHz) | 472.0 | 471.0 | 472.0 | 471.0 |
| Limit (dB) | 9.8 | 9.8 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 16.1 | 16.4 | 16.1 | 16.6 |
| Freq. (MHz) | 472.0 | 400.0 | 472.0 | 472.0 |
| Limit (dB) | 6.8 | 8.2 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 45-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 16.5 | 15.7 | 48.4 | 47.7 |
| Freq. (MHz) | 16.3 | 8.5 | 498.0 | 498.0 |
| Limit (dB) | 44.9 | 51.8 | -23.1 | -23.1 |
| Worst Pair | 45 | 45 | 36 | 12 |
| **PS ACR-N (dB)** | 17.3 | 16.6 | 50.1 | 49.2 |
| Freq. (MHz) | 3.3 | 7.9 | 498.0 | 497.0 |
| Limit (dB) | 58.2 | 50.0 | -25.9 | -25.8 |

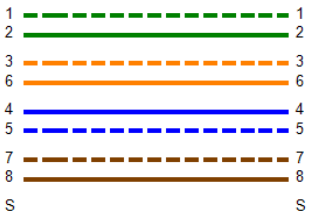
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 36 | 45 | 36 |
| **RL (dB)** | 9.4 | 9.2 | 9.4 | 9.2 |
| Freq. (MHz) | 483.0 | 476.0 | 483.0 | 476.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

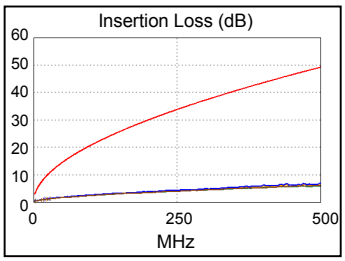
Compliant Network Standards:

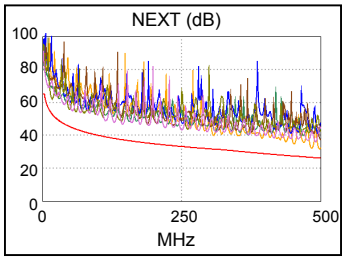
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

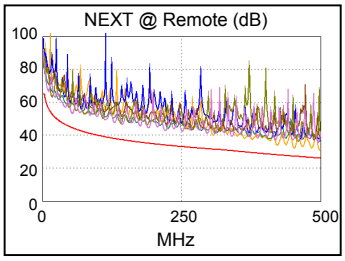


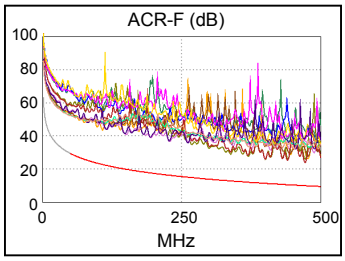

Wire Map (T568A)
**PASS**

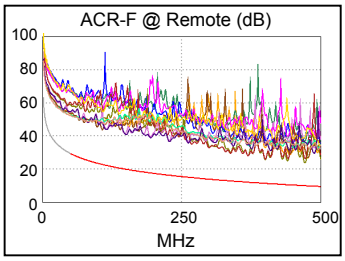


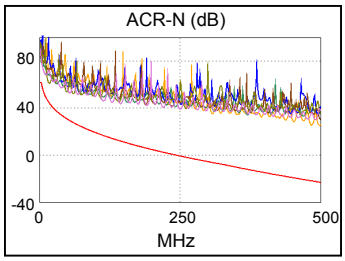



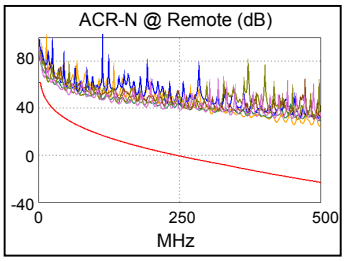



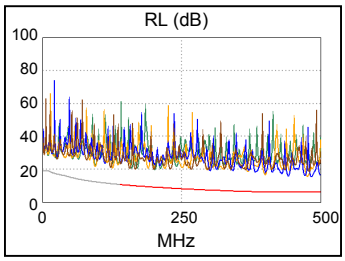



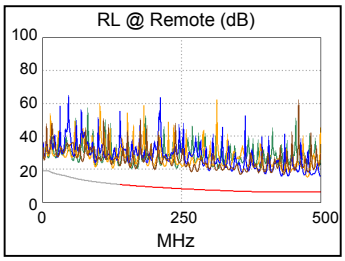



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-13

Date / Time: 12/26/2018 04:21:57 PM
**Headroom 5.5 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.1 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.8 | 5.5 | 6.8 | 5.5 |
| Freq. (MHz) | 482.0 | 451.0 | 482.0 | 496.0 |
| Limit (dB) | 26.5 | 27.3 | 26.5 | 26.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 7.0 | 5.9 | 7.0 | 5.9 |
| Freq. (MHz) | 497.0 | 497.0 | 497.0 | 497.0 |
| Limit (dB) | 23.3 | 23.3 | 23.3 | 23.3 |

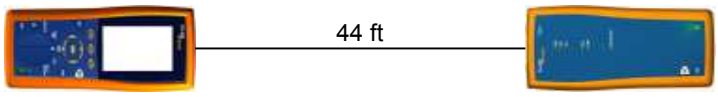
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.7 | 13.4 | 13.7 | 13.4 |
| Freq. (MHz) | 398.0 | 399.0 | 399.0 | 399.0 |
| Limit (dB) | 11.3 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 45 | 36 | 36 |
| **PS ACR-F (dB)** | 16.0 | 16.6 | 16.7 | 18.4 |
| Freq. (MHz) | 398.0 | 398.0 | 439.0 | 499.0 |
| Limit (dB) | 8.3 | 8.3 | 7.4 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 36-45 | 12-36 |
| **ACR-N (dB)** | 17.0 | 18.7 | 49.2 | 48.0 |
| Freq. (MHz) | 16.3 | 16.3 | 497.0 | 496.0 |
| Limit (dB) | 44.9 | 44.9 | -23.0 | -22.9 |
| Worst Pair | 36 | 12 | 36 | 36 |
| **PS ACR-N (dB)** | 18.7 | 20.2 | 49.6 | 48.5 |
| Freq. (MHz) | 15.4 | 8.0 | 497.0 | 497.0 |
| Limit (dB) | 42.9 | 49.8 | -25.8 | -25.8 |

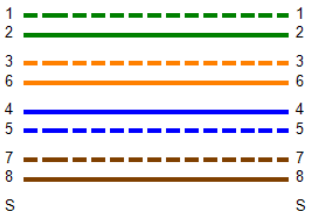
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 45 | 36 | 45 |
| **RL (dB)** | 8.3 | 8.5 | 8.3 | 8.5 |
| Freq. (MHz) | 476.0 | 497.0 | 476.0 | 497.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

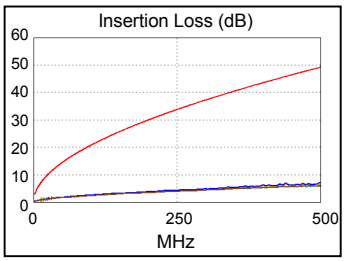
Compliant Network Standards:

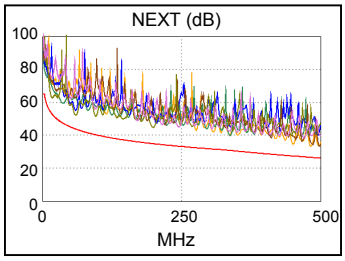
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

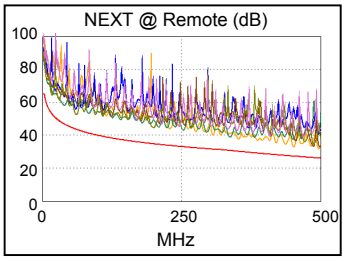


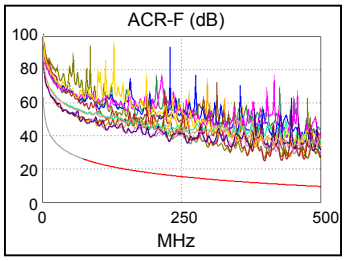

Wire Map (T568A)
**PASS**

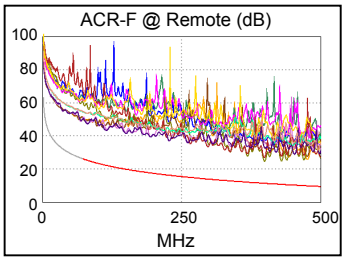


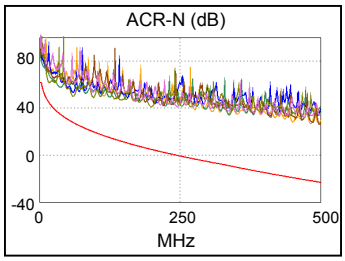



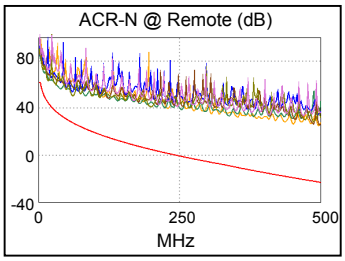



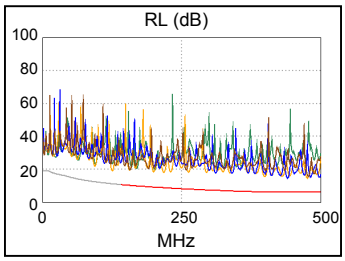



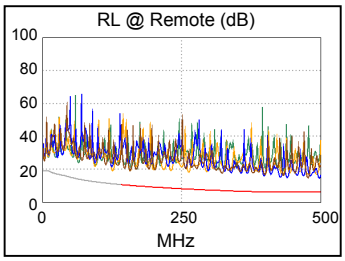



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-14

Date / Time: 12/26/2018 04:22:27 PM
**Headroom 4.9 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.9 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.8 | 4.9 | 5.8 | 5.4 |
| Freq. (MHz) | 483.0 | 451.0 | 483.0 | 497.0 |
| Limit (dB) | 26.5 | 27.3 | 26.5 | 26.2 |
| Worst Pair | 12 | 36 | 12 | 36 |
| **PS NEXT (dB)** | 7.1 | 6.2 | 7.1 | 6.2 |
| Freq. (MHz) | 482.0 | 497.0 | 482.0 | 497.0 |
| Limit (dB) | 23.7 | 23.3 | 23.7 | 23.3 |

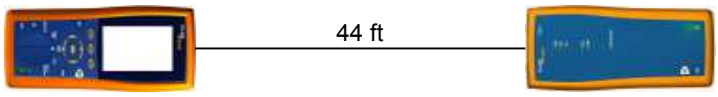
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.2 | 13.8 | 14.2 | 13.8 |
| Freq. (MHz) | 400.0 | 471.0 | 471.0 | 471.0 |
| Limit (dB) | 11.2 | 9.8 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 16.2 | 16.4 | 16.2 | 16.8 |
| Freq. (MHz) | 473.0 | 400.0 | 473.0 | 471.0 |
| Limit (dB) | 6.8 | 8.2 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-45 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 19.2 | 20.1 | 47.8 | 48.1 |
| Freq. (MHz) | 3.0 | 8.0 | 483.0 | 497.0 |
| Limit (dB) | 61.4 | 52.4 | -21.9 | -23.0 |
| Worst Pair | 45 | 12 | 36 | 36 |
| **PS ACR-N (dB)** | 20.3 | 20.0 | 50.3 | 48.8 |
| Freq. (MHz) | 3.0 | 9.4 | 497.0 | 497.0 |
| Limit (dB) | 58.4 | 48.2 | -25.8 | -25.8 |

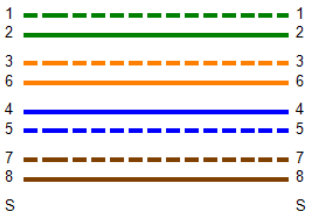
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 7.7 | 8.6 | 7.7 | 8.6 |
| Freq. (MHz) | 499.0 | 441.0 | 499.0 | 441.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

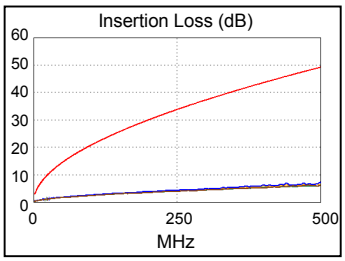
Compliant Network Standards:

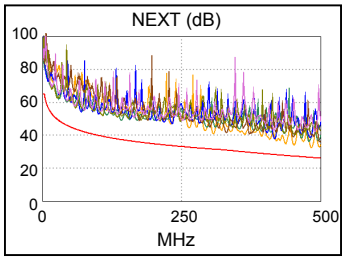
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

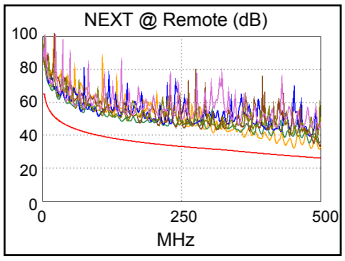


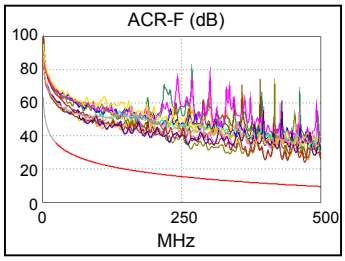

Wire Map (T568A)
**PASS**

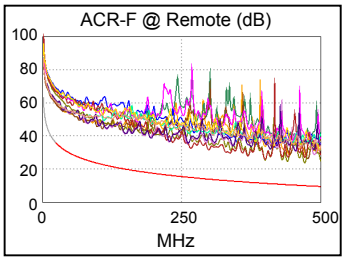


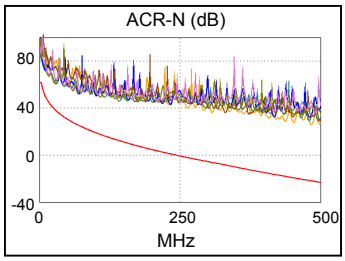



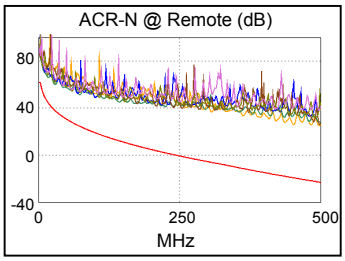



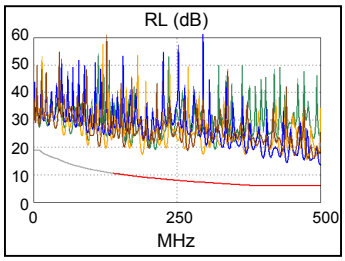



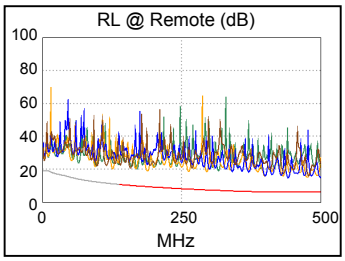



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-15

Date / Time: 12/26/2018 04:23:30 PM
**Headroom 5.8 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.8 | 5.8 | 5.8 | 5.8 |
| Freq. (MHz) | 495.0 | 494.0 | 495.0 | 494.0 |
| Limit (dB) | 26.2 | 26.2 | 26.2 | 26.2 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 6.6 | 6.5 | 6.6 | 6.5 |
| Freq. (MHz) | 495.0 | 494.0 | 495.0 | 494.0 |
| Limit (dB) | 23.3 | 23.4 | 23.3 | 23.4 |

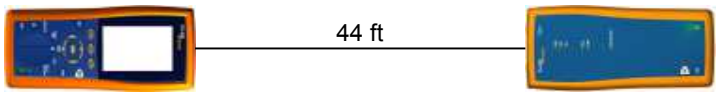
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.4 | 14.0 | 15.0 | 14.7 |
| Freq. (MHz) | 399.0 | 399.0 | 470.0 | 470.0 |
| Limit (dB) | 11.2 | 11.2 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 15.6 | 16.5 | 15.6 | 17.1 |
| Freq. (MHz) | 440.0 | 399.0 | 440.0 | 471.0 |
| Limit (dB) | 7.4 | 8.2 | 7.4 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.1 | 17.9 | 48.2 | 48.1 |
| Freq. (MHz) | 16.1 | 7.5 | 494.0 | 494.0 |
| Limit (dB) | 45.0 | 53.0 | -22.7 | -22.7 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS ACR-N (dB)** | 18.6 | 19.0 | 49.1 | 49.5 |
| Freq. (MHz) | 15.6 | 7.6 | 495.0 | 494.0 |
| Limit (dB) | 42.7 | 50.3 | -25.7 | -25.6 |

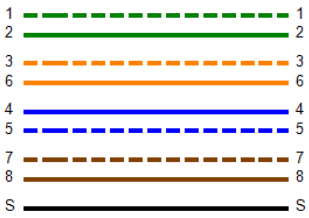
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 78 | 78 | 45 | 78 |
| **RL (dB)** | 8.3 | 8.7 | 9.9 | 9.9 |
| Freq. (MHz) | 156.5 | 157.5 | 441.0 | 477.0 |
| Limit (dB) | 10.1 | 10.0 | 6.0 | 6.0 |

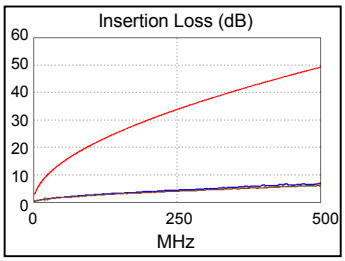
Compliant Network Standards:

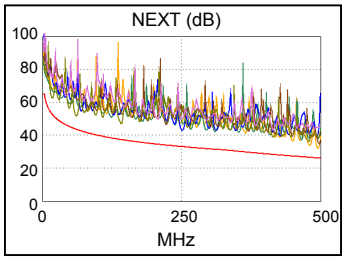
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

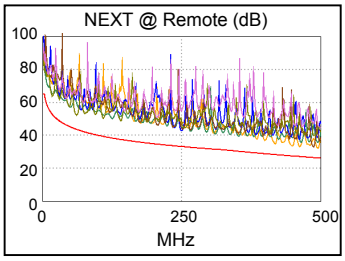


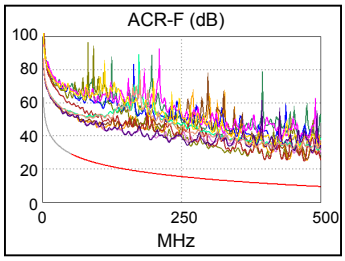

Wire Map (T568A)
**PASS**

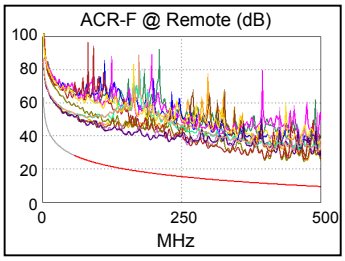


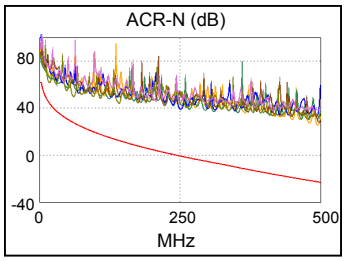



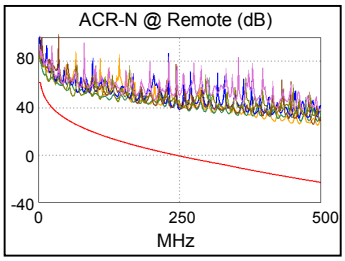



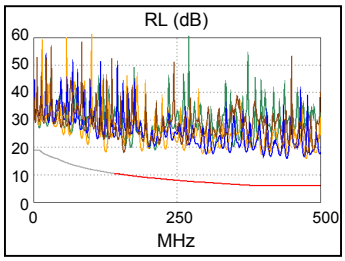



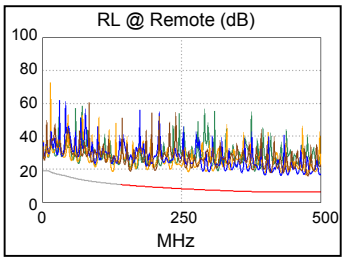



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-02-PT-16

Date / Time: 12/26/2018 04:26:42 PM
**Headroom 4.7 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.9 | 4.7 | 5.9 | 5.6 |
| Freq. (MHz) | 497.0 | 451.0 | 497.0 | 496.0 |
| Limit (dB) | 26.2 | 27.3 | 26.2 | 26.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 8.0 | 6.7 | 8.0 | 6.7 |
| Freq. (MHz) | 497.0 | 451.0 | 497.0 | 497.0 |
| Limit (dB) | 23.3 | 24.4 | 23.3 | 23.3 |

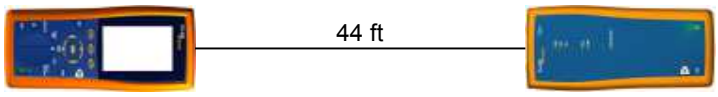
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 12-36 |
| **ACR-F (dB)** | 14.1 | 13.8 | 14.1 | 15.1 |
| Freq. (MHz) | 399.0 | 399.0 | 399.0 | 476.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 9.7 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 16.2 | 16.6 | 16.3 | 16.6 |
| Freq. (MHz) | 399.0 | 440.0 | 439.0 | 440.0 |
| Limit (dB) | 8.2 | 7.4 | 7.4 | 7.4 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.0 | 20.7 | 48.6 | 48.2 |
| Freq. (MHz) | 15.0 | 6.4 | 496.0 | 496.0 |
| Limit (dB) | 45.8 | 54.6 | -22.9 | -22.9 |
| Worst Pair | 78 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 20.3 | 20.5 | 50.7 | 49.4 |
| Freq. (MHz) | 15.3 | 6.0 | 497.0 | 497.0 |
| Limit (dB) | 43.0 | 52.6 | -25.8 | -25.8 |

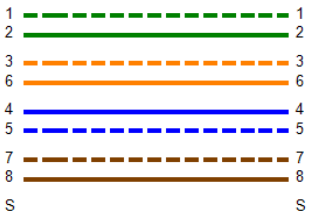
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 36 | 45 | 36 |
| **RL (dB)** | 9.5 | 9.7 | 9.5 | 9.7 |
| Freq. (MHz) | 441.0 | 443.0 | 441.0 | 443.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

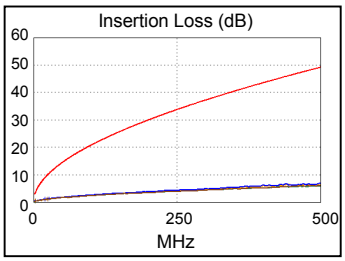
Compliant Network Standards:

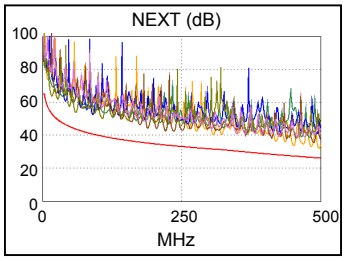
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

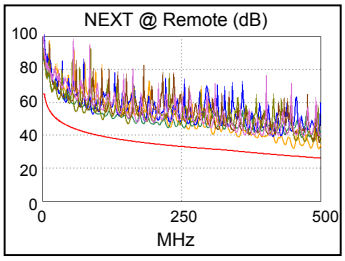


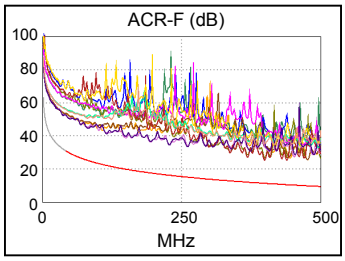

Wire Map (T568A)
**PASS**

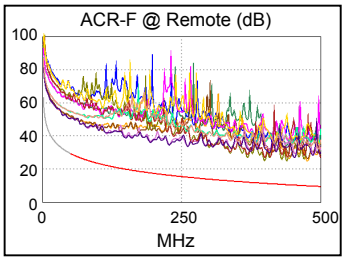


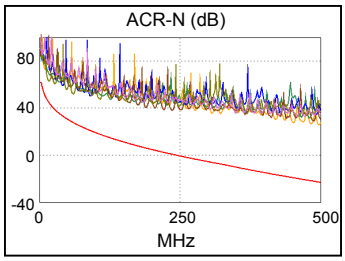



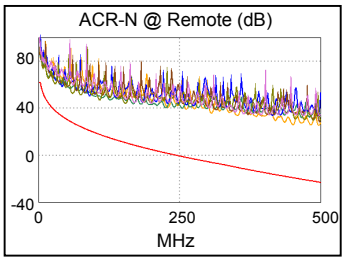



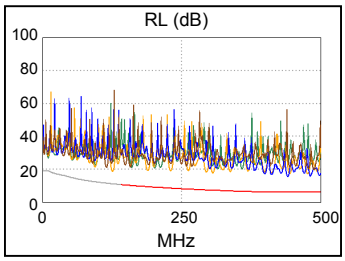



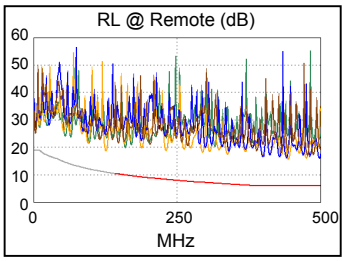



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-02-PT-17

Date / Time: 12/26/2018 04:24:52 PM
**Headroom 5.6 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 43 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.5 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.8 | 5.6 | 5.8 | 6.3 |
| Freq. (MHz) | 483.0 | 451.0 | 483.0 | 496.0 |
| Limit (dB) | 26.5 | 27.3 | 26.5 | 26.2 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 7.6 | 7.4 | 7.6 | 7.6 |
| Freq. (MHz) | 483.0 | 451.0 | 483.0 | 496.0 |
| Limit (dB) | 23.6 | 24.4 | 23.6 | 23.3 |

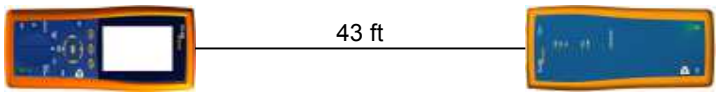
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.5 | 14.2 | 14.5 | 14.2 |
| Freq. (MHz) | 400.0 | 471.0 | 471.0 | 471.0 |
| Limit (dB) | 11.2 | 9.8 | 9.8 | 9.8 |
| Worst Pair | 45 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 16.6 | 16.7 | 16.7 | 16.8 |
| Freq. (MHz) | 400.0 | 400.0 | 472.0 | 471.0 |
| Limit (dB) | 8.2 | 8.2 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 45-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.2 | 18.8 | 47.7 | 49.0 |
| Freq. (MHz) | 15.9 | 3.0 | 483.0 | 496.0 |
| Limit (dB) | 45.1 | 61.4 | -21.9 | -22.9 |
| Worst Pair | 78 | 78 | 36 | 12 |
| **PS ACR-N (dB)** | 18.4 | 19.9 | 49.5 | 50.7 |
| Freq. (MHz) | 15.3 | 2.5 | 483.0 | 496.0 |
| Limit (dB) | 43.0 | 58.7 | -24.8 | -25.8 |

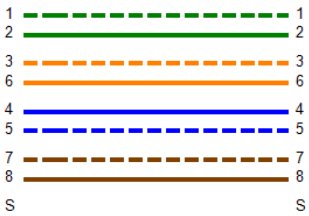
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 45 | 45 |
| **RL (dB)** | 9.7 | 9.1 | 10.3 | 9.7 |
| Freq. (MHz) | 295.0 | 157.5 | 474.0 | 430.0 |
| Limit (dB) | 7.3 | 10.0 | 6.0 | 6.0 |

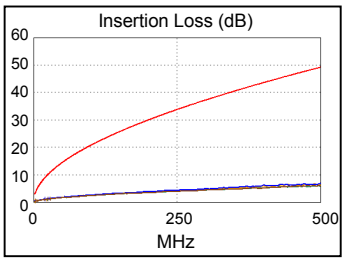
Compliant Network Standards:

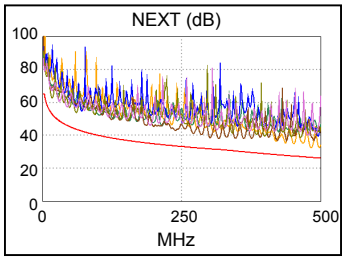
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

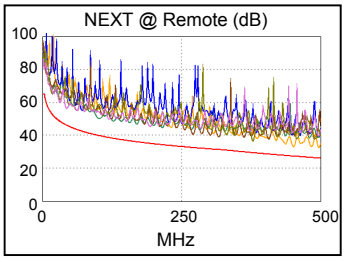


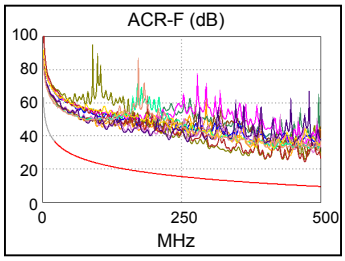

Wire Map (T568A)
**PASS**

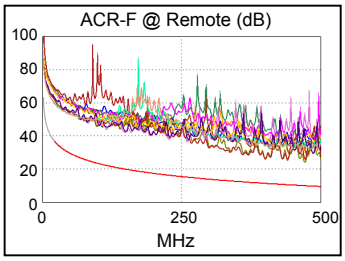


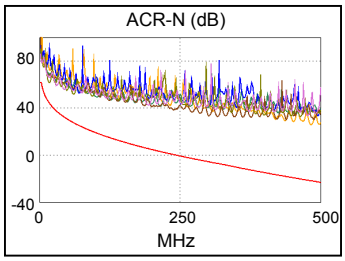



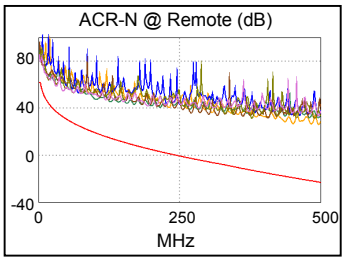



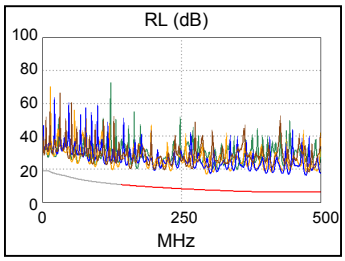



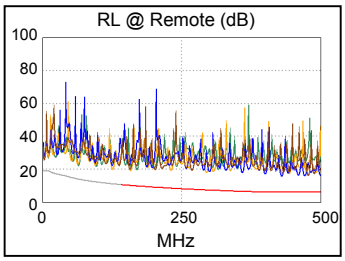



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-18

Date / Time: 12/26/2018 04:27:31 PM
**Headroom 5.4 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.4 | 5.4 | 5.4 | 5.4 |
| Freq. (MHz) | 483.0 | 482.0 | 483.0 | 496.0 |
| Limit (dB) | 26.5 | 26.5 | 26.5 | 26.2 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 7.5 | 6.8 | 7.5 | 6.8 |
| Freq. (MHz) | 483.0 | 496.0 | 483.0 | 496.0 |
| Limit (dB) | 23.6 | 23.3 | 23.6 | 23.3 |

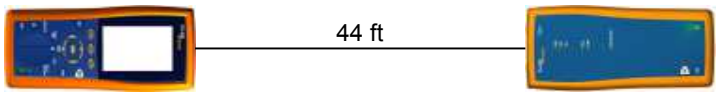
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.3 | 13.2 | 13.3 | 13.7 |
| Freq. (MHz) | 440.0 | 440.0 | 440.0 | 471.0 |
| Limit (dB) | 10.4 | 10.4 | 10.4 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 14.6 | 15.7 | 15.2 | 15.7 |
| Freq. (MHz) | 441.0 | 441.0 | 474.0 | 441.0 |
| Limit (dB) | 7.4 | 7.4 | 6.7 | 7.4 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 19.8 | 20.0 | 47.3 | 48.0 |
| Freq. (MHz) | 15.1 | 5.8 | 483.0 | 496.0 |
| Limit (dB) | 45.7 | 55.6 | -21.9 | -22.9 |
| Worst Pair | 78 | 36 | 36 | 12 |
| **PS ACR-N (dB)** | 20.8 | 20.7 | 49.4 | 49.9 |
| Freq. (MHz) | 14.4 | 7.3 | 483.0 | 496.0 |
| Limit (dB) | 43.6 | 50.8 | -24.8 | -25.8 |

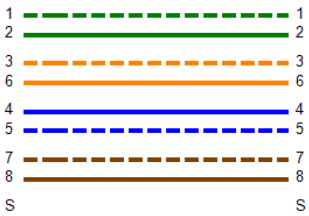
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 8.8 | 8.5 | 8.8 | 8.5 |
| Freq. (MHz) | 444.0 | 443.0 | 444.0 | 443.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

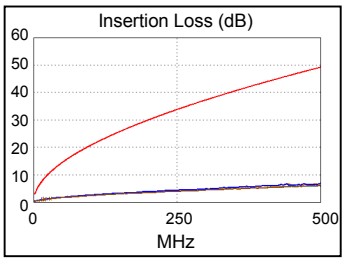
Compliant Network Standards:

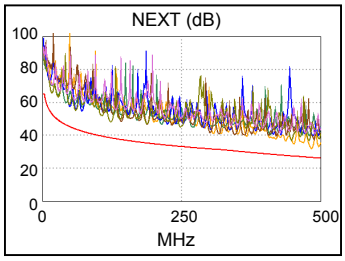
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

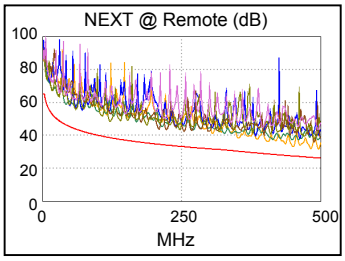


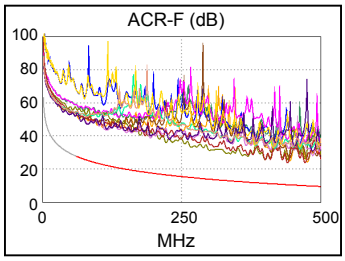

Wire Map (T568A)
**PASS**

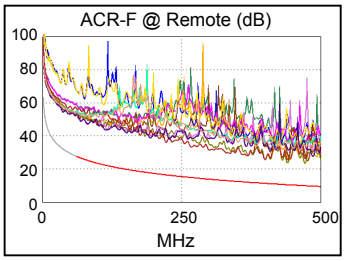


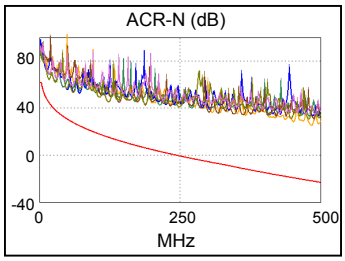



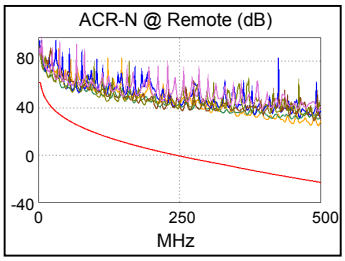



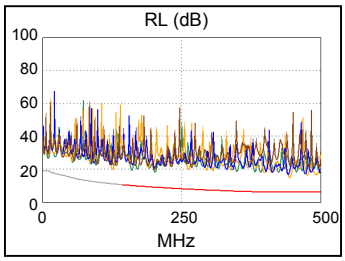



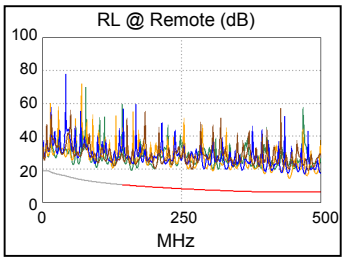



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-19

Date / Time: 12/26/2018 04:28:03 PM
**Headroom 4.7 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.1 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.4 | 4.7 | 5.4 | 4.7 |
| Freq. (MHz) | 483.0 | 483.0 | 483.0 | 483.0 |
| Limit (dB) | 26.5 | 26.5 | 26.5 | 26.5 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 7.2 | 6.6 | 7.2 | 6.9 |
| Freq. (MHz) | 484.0 | 451.0 | 484.0 | 497.0 |
| Limit (dB) | 23.6 | 24.4 | 23.6 | 23.3 |

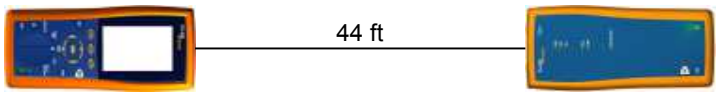
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 12-36 | 36-45 |
| **ACR-F (dB)** | 15.0 | 14.6 | 15.5 | 14.8 |
| Freq. (MHz) | 399.0 | 399.0 | 476.0 | 470.0 |
| Limit (dB) | 11.2 | 11.2 | 9.7 | 9.8 |
| Worst Pair | 36 | 45 | 36 | 36 |
| **PS ACR-F (dB)** | 16.9 | 16.9 | 17.1 | 17.4 |
| Freq. (MHz) | 400.0 | 399.0 | 471.0 | 471.0 |
| Limit (dB) | 8.2 | 8.2 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 45-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.4 | 16.8 | 47.3 | 46.6 |
| Freq. (MHz) | 3.0 | 9.5 | 483.0 | 483.0 |
| Limit (dB) | 61.4 | 50.6 | -21.9 | -21.9 |
| Worst Pair | 45 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 17.4 | 16.4 | 49.1 | 48.6 |
| Freq. (MHz) | 3.3 | 8.5 | 484.0 | 485.0 |
| Limit (dB) | 58.2 | 49.2 | -24.8 | -24.9 |

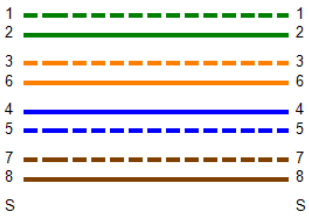
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 78 | 45 | 78 | 45 |
| **RL (dB)** | 7.6 | 8.9 | 7.6 | 8.9 |
| Freq. (MHz) | 487.0 | 499.0 | 487.0 | 499.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

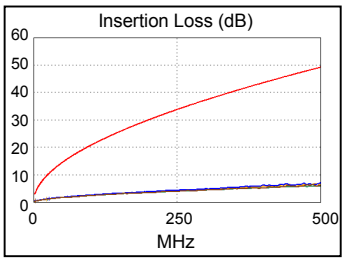
Compliant Network Standards:

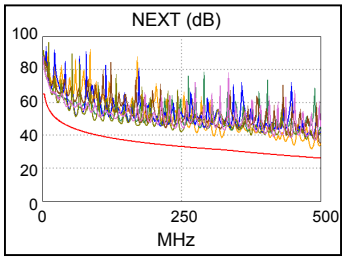
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

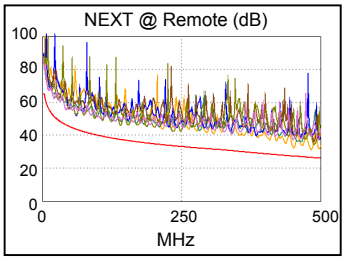


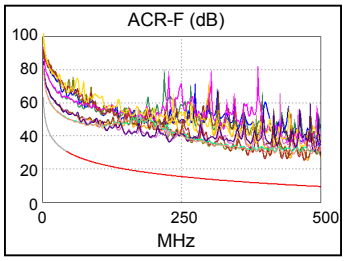

Wire Map (T568A)
**PASS**

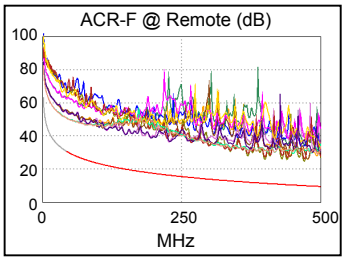


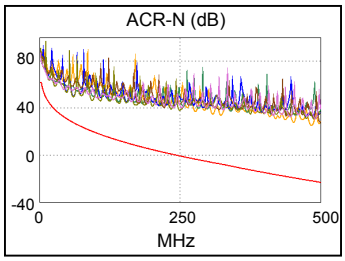



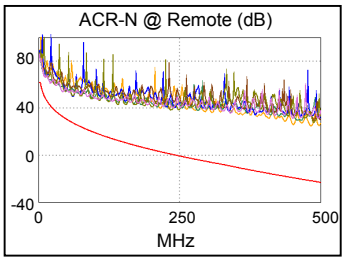



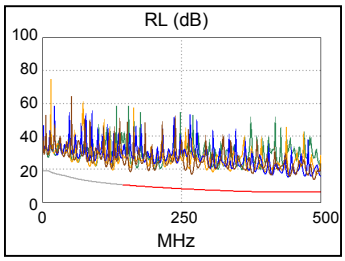



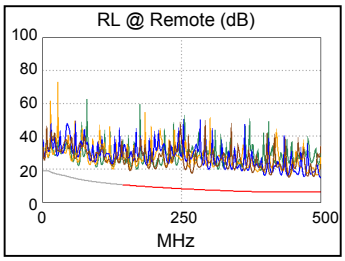



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-20

Date / Time: 12/26/2018 04:28:42 PM
**Headroom 4.5 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 43 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 36-45 | 12-36 |
| **NEXT (dB)** | 7.7 | 4.5 | 9.3 | 4.5 |
| Freq. (MHz) | 89.8 | 449.0 | 499.0 | 449.0 |
| Limit (dB) | 40.7 | 27.4 | 26.1 | 27.4 |
| Worst Pair | 12 | 12 | 45 | 12 |
| **PS NEXT (dB)** | 8.9 | 5.9 | 10.0 | 5.9 |
| Freq. (MHz) | 267.0 | 449.0 | 498.0 | 450.0 |
| Limit (dB) | 29.7 | 24.5 | 23.3 | 24.4 |

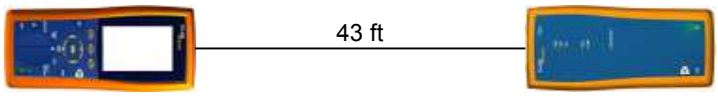
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 12-36 | 12-36 |
| **ACR-F (dB)** | 13.5 | 13.3 | 13.7 | 13.6 |
| Freq. (MHz) | 400.0 | 400.0 | 476.0 | 477.0 |
| Limit (dB) | 11.2 | 11.2 | 9.7 | 9.7 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 14.8 | 16.0 | 14.8 | 16.3 |
| Freq. (MHz) | 473.0 | 400.0 | 473.0 | 475.0 |
| Limit (dB) | 6.8 | 8.2 | 6.8 | 6.7 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 12-36 | 36-45 | 12-36 |
| **ACR-N (dB)** | 16.7 | 17.6 | 51.6 | 48.3 |
| Freq. (MHz) | 7.8 | 3.0 | 499.0 | 495.0 |
| Limit (dB) | 52.7 | 61.4 | -23.1 | -22.8 |
| Worst Pair | 36 | 12 | 45 | 36 |
| **PS ACR-N (dB)** | 18.0 | 18.2 | 52.4 | 50.1 |
| Freq. (MHz) | 15.8 | 3.3 | 498.0 | 496.0 |
| Limit (dB) | 42.6 | 58.2 | -25.9 | -25.8 |

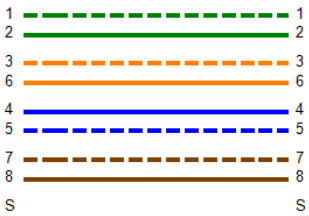
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 8.8 | 8.9 | 8.8 | 8.9 |
| Freq. (MHz) | 476.0 | 443.0 | 476.0 | 443.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

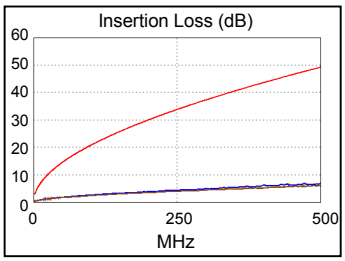
Compliant Network Standards:

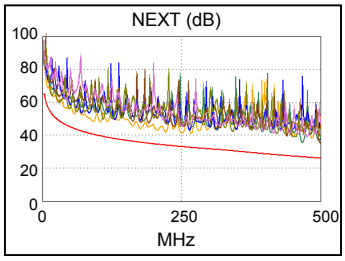
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

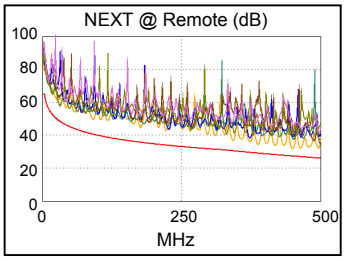


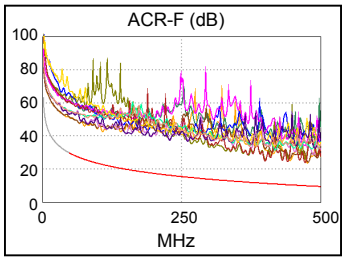

Wire Map (T568A)
**PASS**

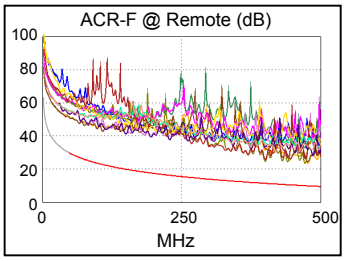


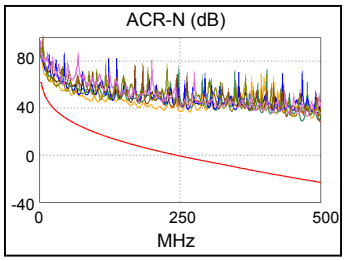



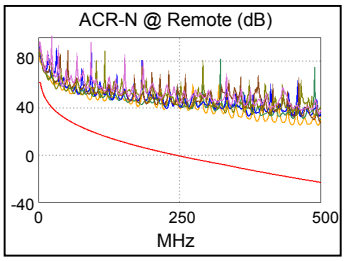



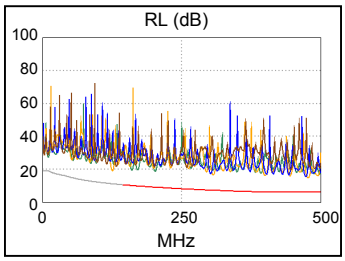



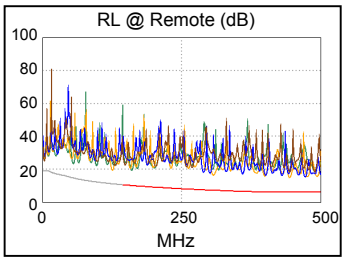



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-21

Date / Time: 12/26/2018 04:29:16 PM
**Headroom 5.2 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 43 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.7 | 5.2 | 5.7 | 5.2 |
| Freq. (MHz) | 484.0 | 499.0 | 484.0 | 499.0 |
| Limit (dB) | 26.5 | 26.1 | 26.5 | 26.1 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 7.0 | 6.3 | 7.0 | 6.3 |
| Freq. (MHz) | 484.0 | 485.0 | 484.0 | 485.0 |
| Limit (dB) | 23.6 | 23.6 | 23.6 | 23.6 |

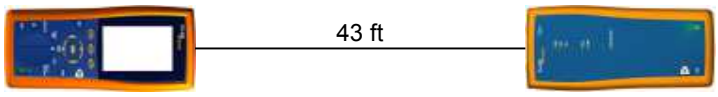
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.3 | 14.0 | 14.3 | 14.5 |
| Freq. (MHz) | 441.0 | 440.0 | 441.0 | 472.0 |
| Limit (dB) | 10.4 | 10.4 | 10.4 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 16.4 | 17.0 | 16.4 | 17.5 |
| Freq. (MHz) | 441.0 | 401.0 | 441.0 | 472.0 |
| Limit (dB) | 7.4 | 8.2 | 7.4 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 15.2 | 16.2 | 47.8 | 48.1 |
| Freq. (MHz) | 16.3 | 16.6 | 484.0 | 498.0 |
| Limit (dB) | 44.9 | 44.6 | -22.0 | -23.1 |
| Worst Pair | 78 | 78 | 36 | 12 |
| **PS ACR-N (dB)** | 17.1 | 18.2 | 50.6 | 49.9 |
| Freq. (MHz) | 16.5 | 16.6 | 498.0 | 498.0 |
| Limit (dB) | 42.1 | 42.0 | -25.9 | -25.9 |

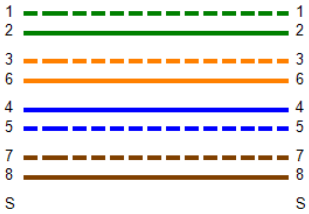
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 12 | 45 | 45 |
| **RL (dB)** | 9.3 | 9.3 | 9.3 | 9.9 |
| Freq. (MHz) | 442.0 | 160.0 | 442.0 | 499.0 |
| Limit (dB) | 6.0 | 10.0 | 6.0 | 6.0 |

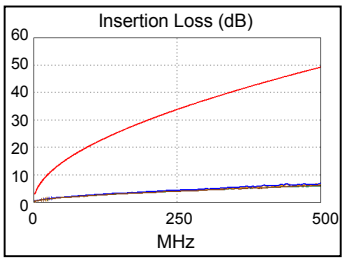
Compliant Network Standards:

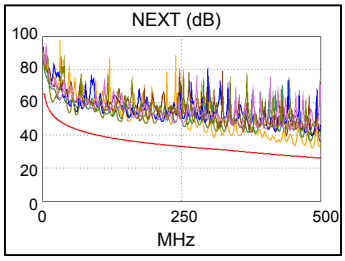
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

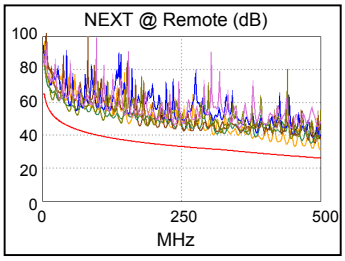


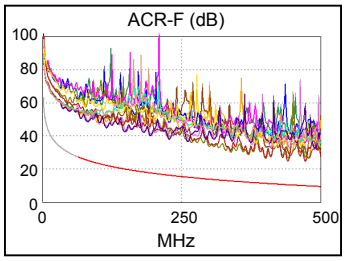

Wire Map (T568A)
**PASS**

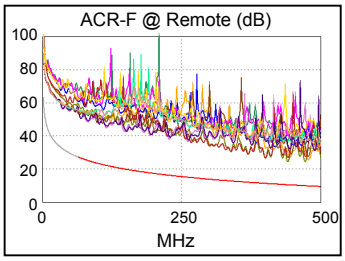


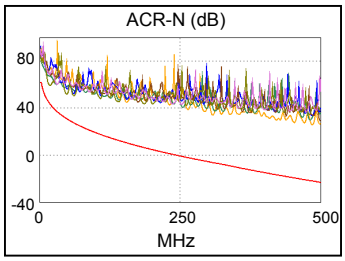



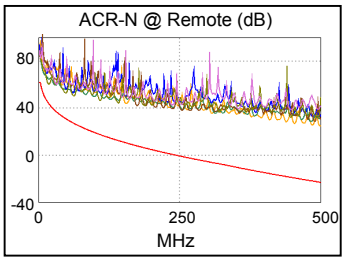



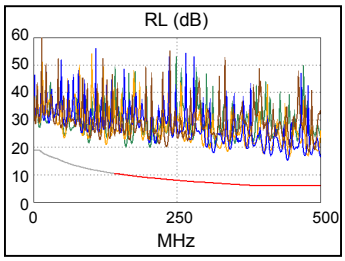



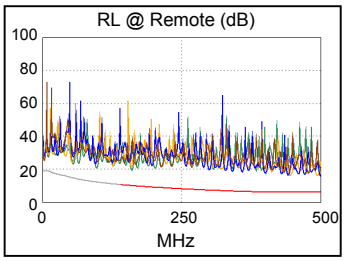



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-22

Date / Time: 12/26/2018 04:29:45 PM
**Headroom 5.4 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.2 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.2 | 5.4 | 6.2 | 5.4 |
| Freq. (MHz) | 496.0 | 451.0 | 496.0 | 495.0 |
| Limit (dB) | 26.2 | 27.3 | 26.2 | 26.2 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 7.3 | 6.4 | 7.3 | 6.4 |
| Freq. (MHz) | 497.0 | 495.0 | 497.0 | 495.0 |
| Limit (dB) | 23.3 | 23.3 | 23.3 | 23.3 |

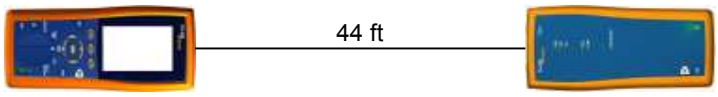
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 12-36 | 36-45 |
| **ACR-F (dB)** | 15.0 | 14.8 | 15.5 | 15.1 |
| Freq. (MHz) | 398.0 | 399.0 | 476.0 | 470.0 |
| Limit (dB) | 11.3 | 11.2 | 9.7 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 16.9 | 17.4 | 17.9 | 17.9 |
| Freq. (MHz) | 399.0 | 399.0 | 470.0 | 470.0 |
| Limit (dB) | 8.2 | 8.2 | 6.8 | 6.8 |

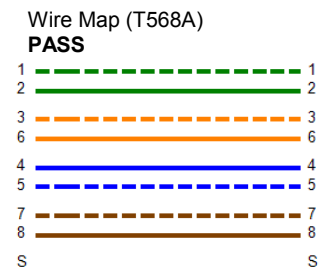
| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-45 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.1 | 18.4 | 48.8 | 47.8 |
| Freq. (MHz) | 3.0 | 3.0 | 496.0 | 495.0 |
| Limit (dB) | 61.4 | 61.4 | -22.9 | -22.8 |
| Worst Pair | 12 | 12 | 36 | 12 |
| **PS ACR-N (dB)** | 18.3 | 19.1 | 50.0 | 49.5 |
| Freq. (MHz) | 3.0 | 3.0 | 497.0 | 495.0 |
| Limit (dB) | 58.4 | 58.4 | -25.8 | -25.7 |

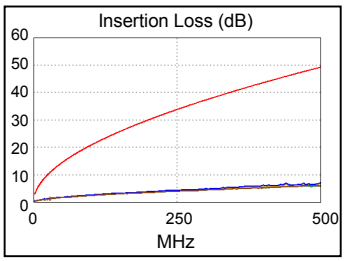
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 36 | 45 | 36 |
| **RL (dB)** | 8.5 | 9.5 | 8.5 | 9.5 |
| Freq. (MHz) | 440.0 | 475.0 | 440.0 | 475.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

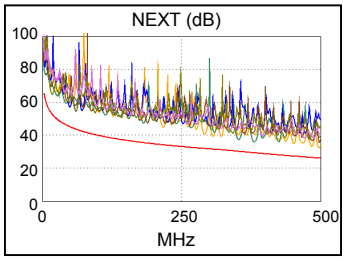
Compliant Network Standards:

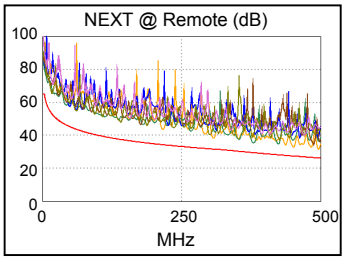
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

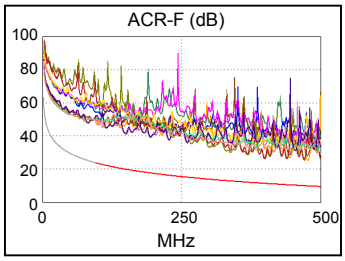


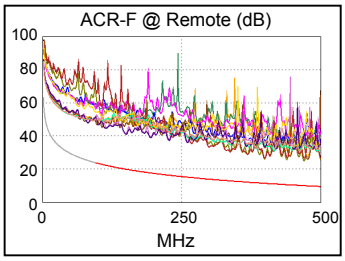



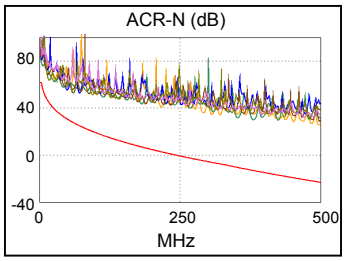



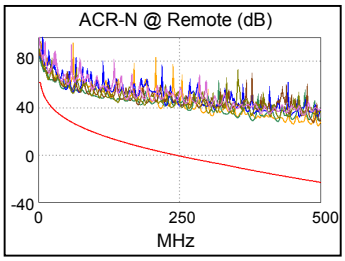



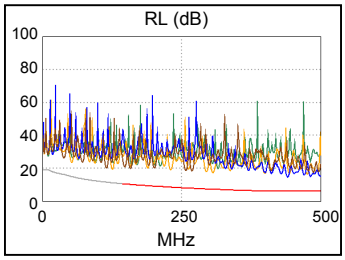



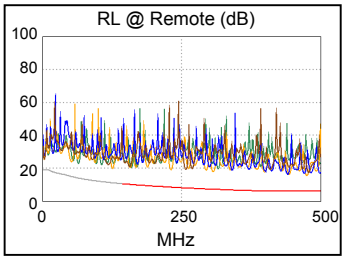



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-02-PT-23

Date / Time: 12/26/2018 04:30:14 PM
**Headroom 5.8 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 44 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.1 |
| Frequency (MHz) | [Pair 45] | 499.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 7.7 | 5.8 | 7.7 | 5.8 |
| Freq. (MHz) | 483.0 | 496.0 | 483.0 | 496.0 |
| Limit (dB) | 26.5 | 26.2 | 26.5 | 26.2 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 9.0 | 7.4 | 9.0 | 7.9 |
| Freq. (MHz) | 497.0 | 450.0 | 497.0 | 496.0 |
| Limit (dB) | 23.3 | 24.4 | 23.3 | 23.3 |

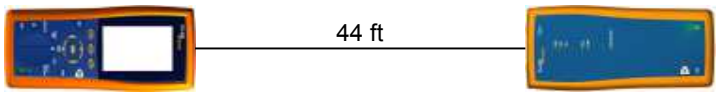
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 12-36 | 36-45 |
| **ACR-F (dB)** | 14.5 | 14.3 | 15.4 | 14.7 |
| Freq. (MHz) | 399.0 | 399.0 | 476.0 | 470.0 |
| Limit (dB) | 11.2 | 11.2 | 9.7 | 9.8 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 16.7 | 16.9 | 17.0 | 17.5 |
| Freq. (MHz) | 399.0 | 399.0 | 471.0 | 470.0 |
| Limit (dB) | 8.2 | 8.2 | 6.8 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-78 | 12-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 20.5 | 20.9 | 49.6 | 48.4 |
| Freq. (MHz) | 29.0 | 28.9 | 483.0 | 496.0 |
| Limit (dB) | 37.9 | 38.0 | -21.9 | -22.9 |
| Worst Pair | 12 | 12 | 36 | 36 |
| **PS ACR-N (dB)** | 20.6 | 20.7 | 51.6 | 50.6 |
| Freq. (MHz) | 16.5 | 16.8 | 497.0 | 497.0 |
| Limit (dB) | 42.1 | 41.9 | -25.8 | -25.8 |

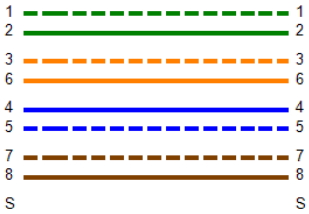
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 78 | 36 | 78 |
| **RL (dB)** | 8.9 | 7.9 | 8.9 | 8.5 |
| Freq. (MHz) | 476.0 | 268.0 | 476.0 | 477.0 |
| Limit (dB) | 6.0 | 7.7 | 6.0 | 6.0 |

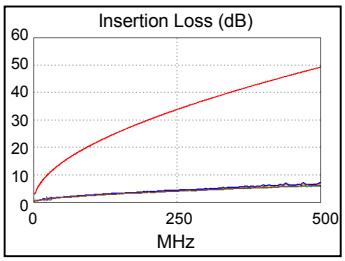
Compliant Network Standards:

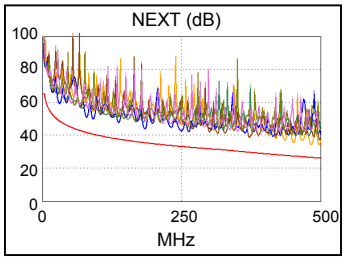
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

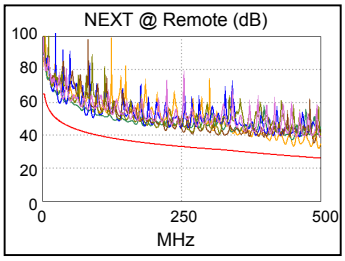


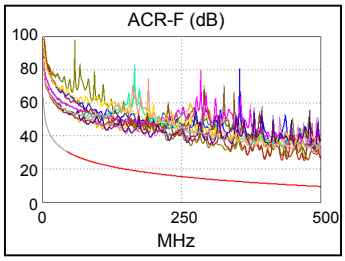

Wire Map (T568A)
**PASS**

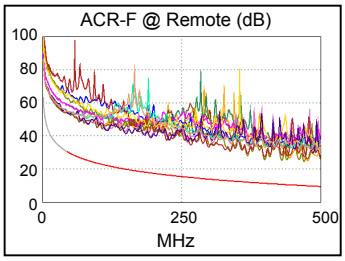


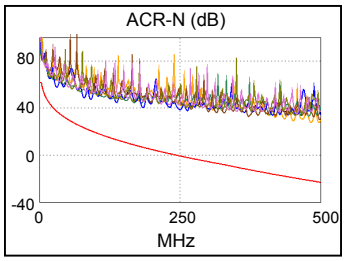



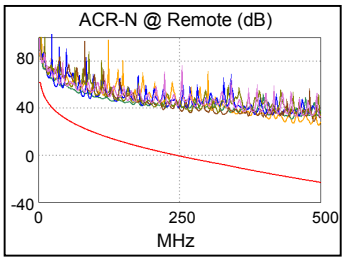



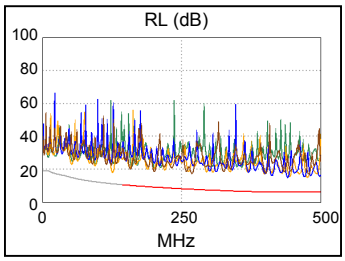



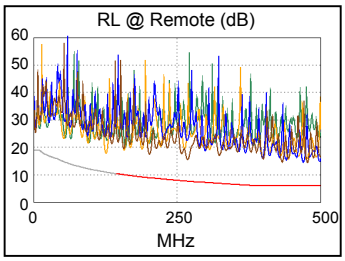



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-02-PT-24

Date / Time: 12/26/2018 04:30:42 PM
**Headroom 7.3 dB (NEXT 36-45)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 43 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 65 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.3 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 36-45 | 12-36 | 36-45 |
| **NEXT (dB)** | 8.1 | 7.3 | 8.1 | 7.3 |
| Freq. (MHz) | 484.0 | 490.0 | 484.0 | 490.0 |
| Limit (dB) | 26.5 | 26.3 | 26.5 | 26.3 |
| Worst Pair | 12 | 45 | 12 | 12 |
| **PS NEXT (dB)** | 9.3 | 8.2 | 9.3 | 8.3 |
| Freq. (MHz) | 484.0 | 490.0 | 484.0 | 497.0 |
| Limit (dB) | 23.6 | 23.5 | 23.6 | 23.3 |

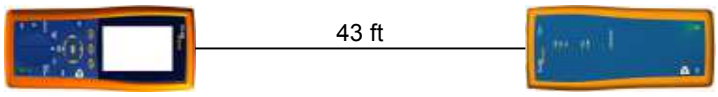
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.7 | 13.6 | 14.0 | 13.9 |
| Freq. (MHz) | 441.0 | 441.0 | 473.0 | 473.0 |
| Limit (dB) | 10.4 | 10.4 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 15.4 | 15.3 | 15.6 | 15.8 |
| Freq. (MHz) | 441.0 | 441.0 | 474.0 | 473.0 |
| Limit (dB) | 7.4 | 7.4 | 6.7 | 6.8 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 12-36 | 12-36 | 36-45 |
| **ACR-N (dB)** | 18.6 | 18.3 | 50.1 | 49.4 |
| Freq. (MHz) | 3.0 | 2.5 | 484.0 | 490.0 |
| Limit (dB) | 61.4 | 61.7 | -22.0 | -22.4 |
| Worst Pair | 36 | 12 | 12 | 45 |
| **PS ACR-N (dB)** | 19.6 | 20.8 | 51.9 | 50.4 |
| Freq. (MHz) | 15.8 | 2.5 | 484.0 | 490.0 |
| Limit (dB) | 42.6 | 58.7 | -24.8 | -25.3 |

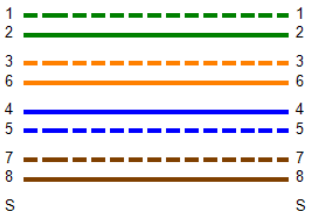
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 9.4 | 8.9 | 9.4 | 8.9 |
| Freq. (MHz) | 493.0 | 492.0 | 493.0 | 492.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

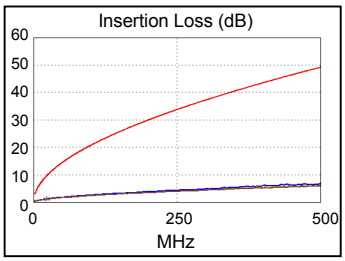
Compliant Network Standards:

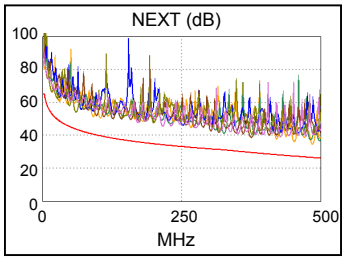
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

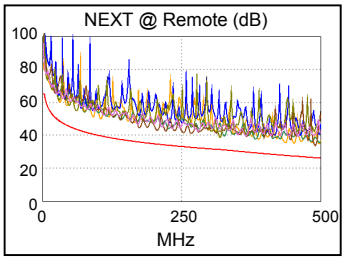


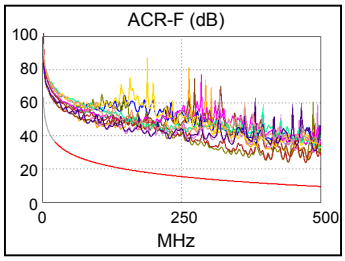

Wire Map (T568A)
**PASS**

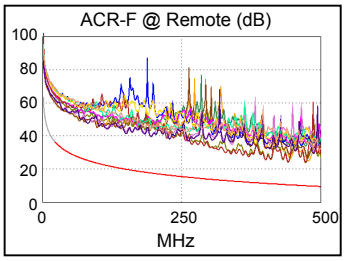


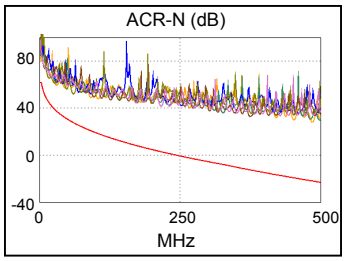



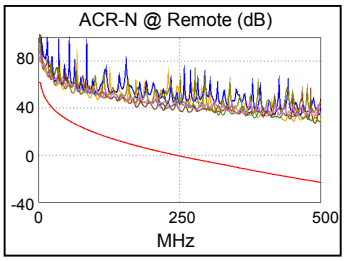



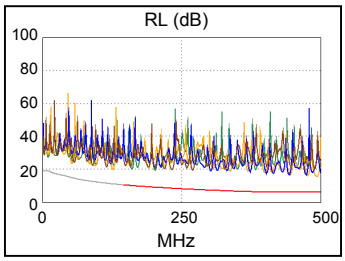



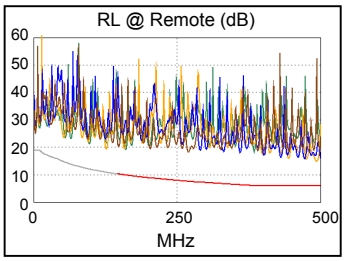




LinkWare™ PC Version 10.0

Project: TCE-GO-TERREO
Untitled1

Site: TCE-GO

FLUKE networks

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-03-PT-01

Date / Time: 12/26/2018 04:31:14 PM
**Headroom 5.5 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 38.5 |
| Frequency (MHz) | [Pair 45] | 441.0 |
| Limit (dB) | [Pair 45] | 46.0 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 8.5 | 5.5 | 9.1 | 5.7 |
| Freq. (MHz) | 414.0 | 453.0 | 480.0 | 484.0 |
| Limit (dB) | 28.3 | 27.3 | 26.6 | 26.5 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.8 | 7.4 | 9.5 | 7.4 |
| Freq. (MHz) | 414.0 | 500.0 | 495.0 | 500.0 |
| Limit (dB) | 25.4 | 23.2 | 23.3 | 23.2 |

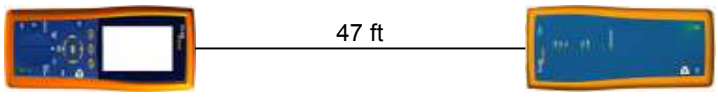
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.6 | 13.5 | 13.6 | 13.5 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 403.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 15.7 | 16.1 | 15.7 | 16.1 |
| Freq. (MHz) | 404.0 | 403.0 | 404.0 | 403.0 |
| Limit (dB) | 8.1 | 8.2 | 8.1 | 8.2 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-45 | 36-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 21.5 | 21.8 | 50.6 | 47.3 |
| Freq. (MHz) | 3.0 | 5.6 | 480.0 | 484.0 |
| Limit (dB) | 61.4 | 55.8 | -21.6 | -22.0 |
| Worst Pair | 12 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 22.2 | 21.5 | 51.8 | 48.9 |
| Freq. (MHz) | 3.0 | 6.6 | 495.0 | 484.0 |
| Limit (dB) | 58.4 | 51.7 | -25.7 | -24.8 |

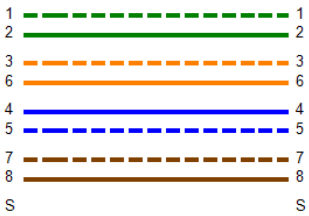
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 7.0 | 7.1 | 7.0 | 7.1 |
| Freq. (MHz) | 442.0 | 441.0 | 442.0 | 441.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

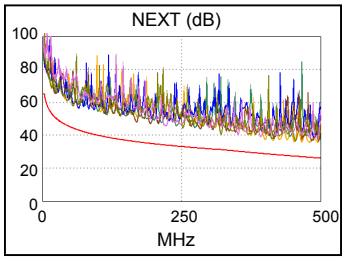


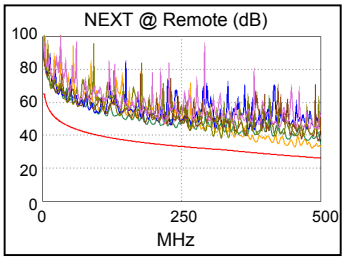

Wire Map (T568A)
**PASS**

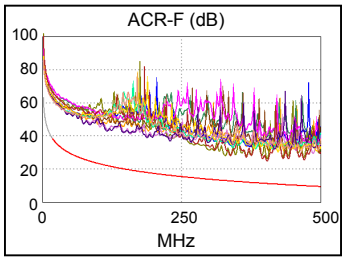


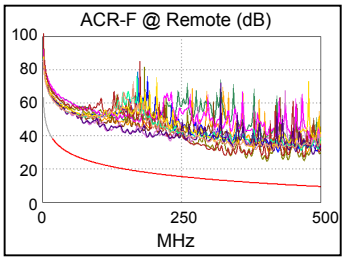


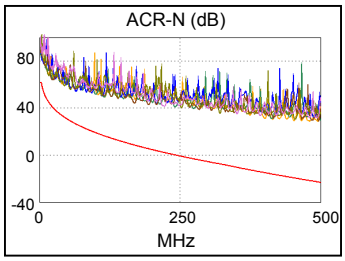


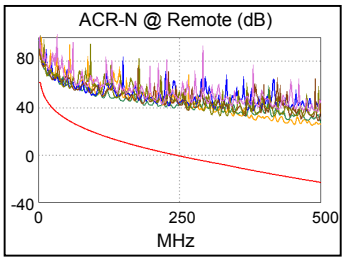


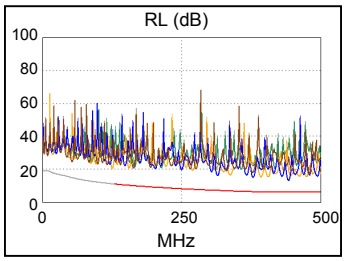



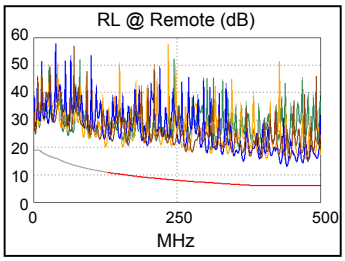



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-03-PT-02

Date / Time: 12/26/2018 04:31:57 PM
**Headroom 5.9 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.6 |
| Frequency (MHz) | [Pair 45] | 497.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 36-45 | 12-36 |
| **NEXT (dB)** | 7.8 | 5.9 | 7.8 | 6.1 |
| Freq. (MHz) | 414.0 | 454.0 | 497.0 | 484.0 |
| Limit (dB) | 28.3 | 27.2 | 26.2 | 26.5 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 8.2 | 5.8 | 8.2 | 5.8 |
| Freq. (MHz) | 484.0 | 486.0 | 484.0 | 486.0 |
| Limit (dB) | 23.6 | 23.6 | 23.6 | 23.6 |

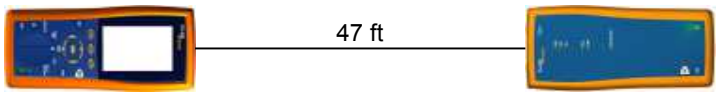
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.9 | 14.2 | 14.9 | 14.2 |
| Freq. (MHz) | 432.0 | 432.0 | 432.0 | 432.0 |
| Limit (dB) | 10.5 | 10.5 | 10.5 | 10.5 |
| Worst Pair | 36 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 16.6 | 17.1 | 16.6 | 17.5 |
| Freq. (MHz) | 432.0 | 404.0 | 432.0 | 432.0 |
| Limit (dB) | 7.5 | 8.1 | 7.5 | 7.5 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 36-45 | 12-36 |
| **ACR-N (dB)** | 17.8 | 18.8 | 49.5 | 47.8 |
| Freq. (MHz) | 14.8 | 14.8 | 497.0 | 484.0 |
| Limit (dB) | 46.0 | 46.0 | -23.0 | -22.0 |
| Worst Pair | 78 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 19.7 | 19.1 | 49.8 | 47.5 |
| Freq. (MHz) | 15.4 | 6.1 | 484.0 | 486.0 |
| Limit (dB) | 42.9 | 52.4 | -24.8 | -25.0 |

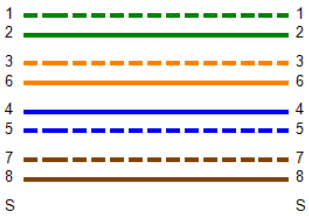
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 7.7 | 7.9 | 7.7 | 7.9 |
| Freq. (MHz) | 480.0 | 430.0 | 480.0 | 430.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

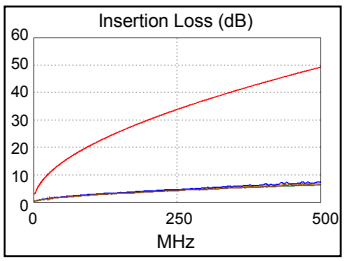
Compliant Network Standards:

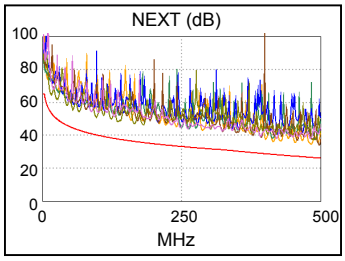
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

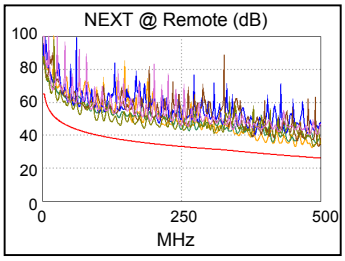


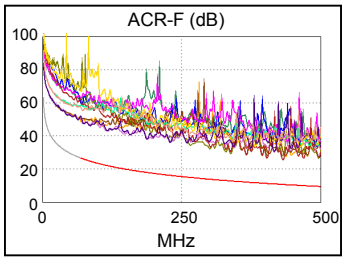

Wire Map (T568A)
**PASS**

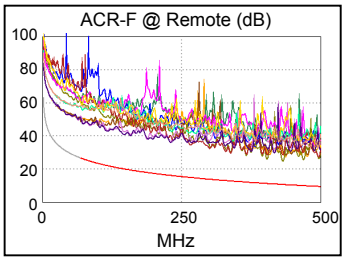


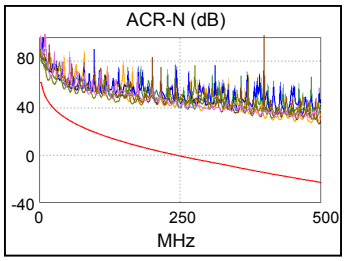



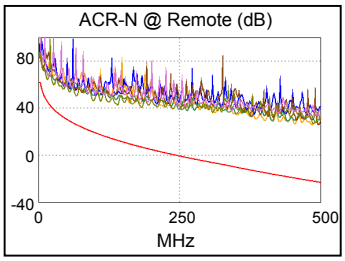



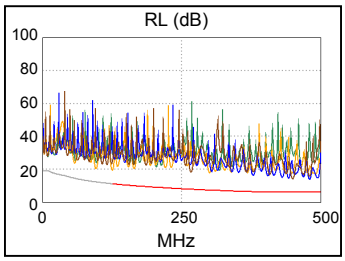



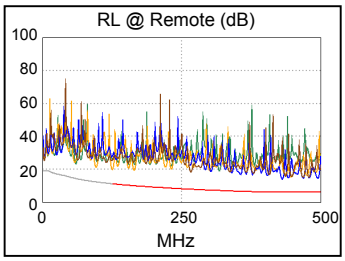



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-03

Date / Time: 12/26/2018 04:32:31 PM
**Headroom 5.7 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 70 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.8 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.6 | 5.7 | 6.6 | 6.5 |
| Freq. (MHz) | 450.0 | 450.0 | 450.0 | 500.0 |
| Limit (dB) | 27.3 | 27.3 | 27.3 | 26.1 |
| Worst Pair | 36 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 8.2 | 7.2 | 8.2 | 7.7 |
| Freq. (MHz) | 449.0 | 422.0 | 450.0 | 500.0 |
| Limit (dB) | 24.5 | 25.2 | 24.4 | 23.2 |

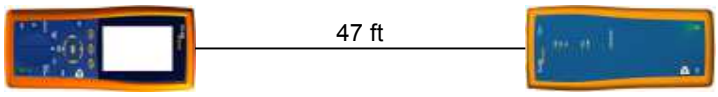
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.4 | 14.2 | 14.4 | 14.2 |
| Freq. (MHz) | 401.0 | 401.0 | 401.0 | 401.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 16.2 | 16.6 | 16.2 | 16.6 |
| Freq. (MHz) | 401.0 | 402.0 | 401.0 | 402.0 |
| Limit (dB) | 8.2 | 8.2 | 8.2 | 8.2 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-45 | 12-36 | 12-36 | 12-36 |
| **ACR-N (dB)** | 19.3 | 19.1 | 46.5 | 48.7 |
| Freq. (MHz) | 3.0 | 8.3 | 450.0 | 500.0 |
| Limit (dB) | 61.4 | 52.1 | -19.2 | -23.2 |
| Worst Pair | 12 | 12 | 36 | 36 |
| **PS ACR-N (dB)** | 20.7 | 19.7 | 48.1 | 49.9 |
| Freq. (MHz) | 3.0 | 8.3 | 450.0 | 500.0 |
| Limit (dB) | 58.4 | 49.5 | -22.1 | -26.1 |

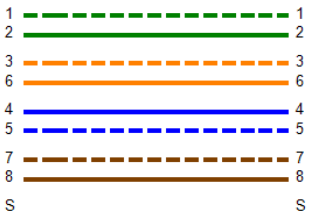
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 78 | 45 | 78 |
| **RL (dB)** | 9.1 | 8.2 | 9.1 | 8.2 |
| Freq. (MHz) | 134.0 | 484.0 | 476.0 | 484.0 |
| Limit (dB) | 10.7 | 6.0 | 6.0 | 6.0 |

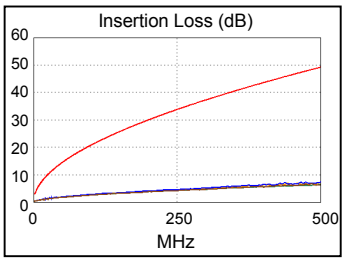
Compliant Network Standards:

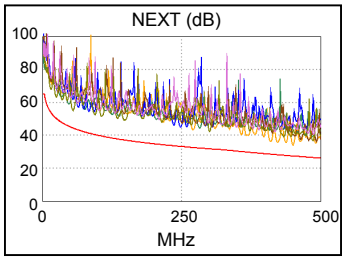
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

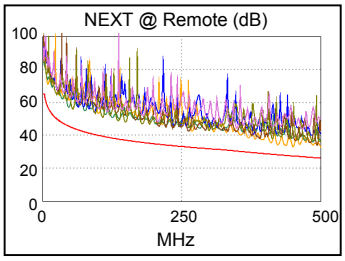


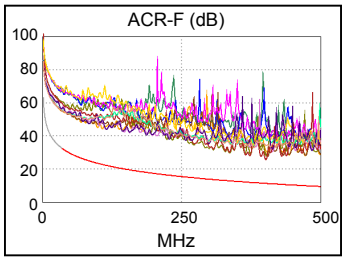

Wire Map (T568A)
**PASS**

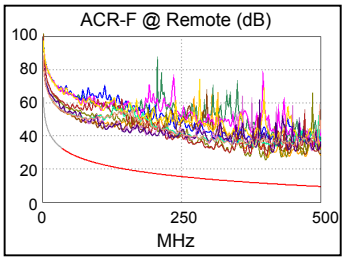


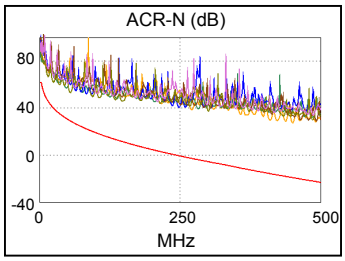



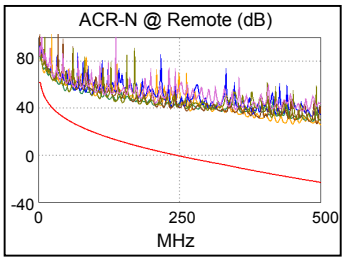



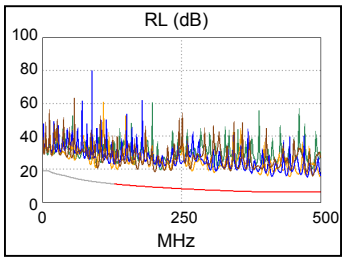



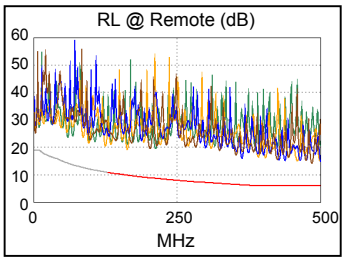



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-04

Date / Time: 12/26/2018 04:33:01 PM
**Headroom 5.9 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.6 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.7 |
| Frequency (MHz) | [Pair 45] | 497.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-78 | 12-36 | 36-45 | 12-36 |
| **NEXT (dB)** | 6.4 | 5.9 | 9.1 | 6.4 |
| Freq. (MHz) | 82.8 | 454.0 | 498.0 | 490.0 |
| Limit (dB) | 41.3 | 27.2 | 26.1 | 26.3 |
| Worst Pair | 12 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 8.0 | 6.9 | 8.7 | 6.9 |
| Freq. (MHz) | 250.0 | 495.0 | 497.0 | 495.0 |
| Limit (dB) | 30.2 | 23.3 | 23.3 | 23.3 |

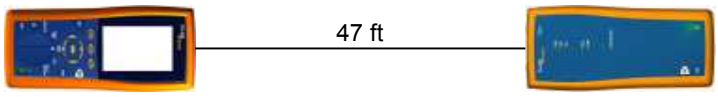
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.7 | 14.1 | 15.0 | 14.5 |
| Freq. (MHz) | 404.0 | 404.0 | 433.0 | 433.0 |
| Limit (dB) | 11.1 | 11.1 | 10.5 | 10.5 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 16.9 | 17.4 | 17.2 | 17.8 |
| Freq. (MHz) | 404.0 | 404.0 | 433.0 | 433.0 |
| Limit (dB) | 8.1 | 8.1 | 7.5 | 7.5 |

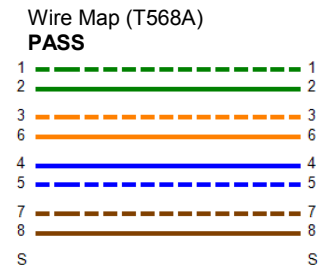
| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 36-45 | 12-36 |
| **ACR-N (dB)** | 18.3 | 18.8 | 51.0 | 48.3 |
| Freq. (MHz) | 14.8 | 14.8 | 498.0 | 491.0 |
| Limit (dB) | 46.0 | 46.0 | -23.1 | -22.5 |
| Worst Pair | 78 | 78 | 36 | 36 |
| **PS ACR-N (dB)** | 18.1 | 19.1 | 51.2 | 49.3 |
| Freq. (MHz) | 15.3 | 14.6 | 497.0 | 495.0 |
| Limit (dB) | 43.0 | 43.4 | -25.8 | -25.7 |

| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 8.0 | 7.8 | 8.0 | 7.8 |
| Freq. (MHz) | 442.0 | 494.0 | 442.0 | 494.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

Compliant Network Standards:

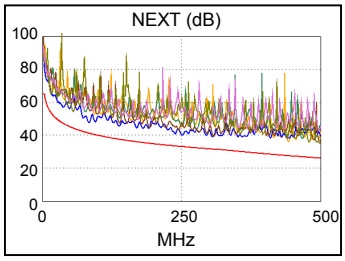
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

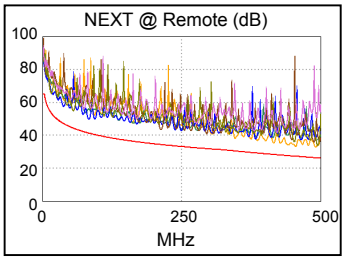


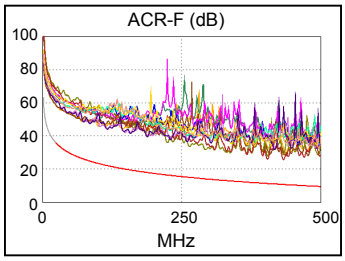



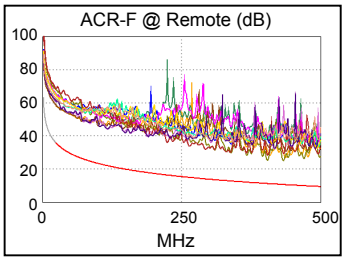


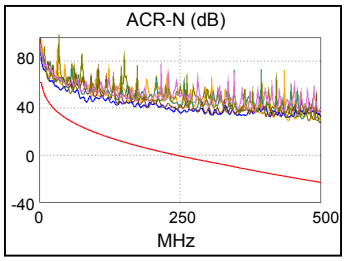


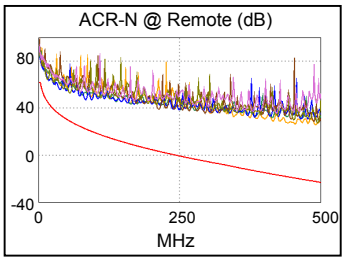


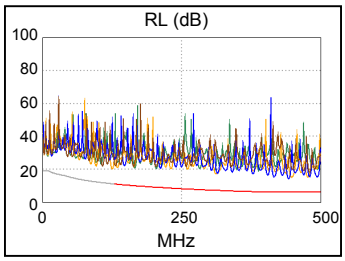



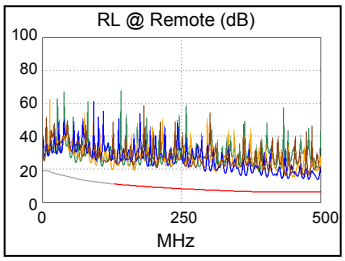



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-03-PT-05

Date / Time: 12/26/2018 04:34:10 PM
**Headroom 5.6 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.2 |
| Frequency (MHz) | [Pair 45] | 469.0 |
| Limit (dB) | [Pair 45] | 47.6 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 12-36 | 36-45 | 12-36 |
| **NEXT (dB)** | 6.9 | 5.6 | 6.9 | 6.3 |
| Freq. (MHz) | 497.0 | 413.0 | 497.0 | 476.0 |
| Limit (dB) | 26.2 | 28.4 | 26.2 | 26.7 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.1 | 6.4 | 8.1 | 7.0 |
| Freq. (MHz) | 496.0 | 441.0 | 496.0 | 475.0 |
| Limit (dB) | 23.3 | 24.7 | 23.3 | 23.8 |

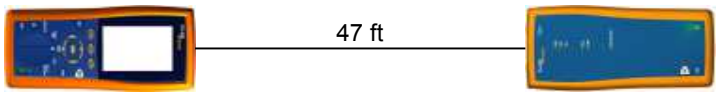
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.8 | 14.4 | 14.8 | 15.6 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 470.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 9.8 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 16.5 | 16.8 | 16.5 | 16.8 |
| Freq. (MHz) | 404.0 | 403.0 | 404.0 | 403.0 |
| Limit (dB) | 8.1 | 8.2 | 8.1 | 8.2 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 45-78 | 36-45 | 12-36 |
| **ACR-N (dB)** | 20.0 | 19.1 | 48.8 | 48.1 |
| Freq. (MHz) | 24.6 | 8.5 | 497.0 | 485.0 |
| Limit (dB) | 40.0 | 51.8 | -23.0 | -22.0 |
| Worst Pair | 36 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 20.6 | 19.7 | 50.6 | 49.2 |
| Freq. (MHz) | 15.0 | 8.5 | 496.0 | 486.0 |
| Limit (dB) | 43.1 | 49.2 | -25.8 | -25.0 |

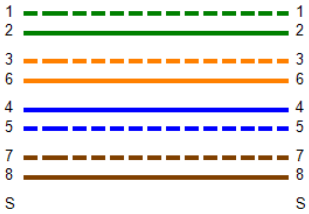
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 8.8 | 7.8 | 8.8 | 7.8 |
| Freq. (MHz) | 480.0 | 495.0 | 480.0 | 495.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

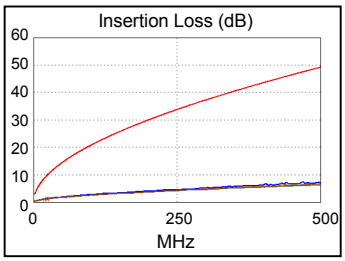
Compliant Network Standards:

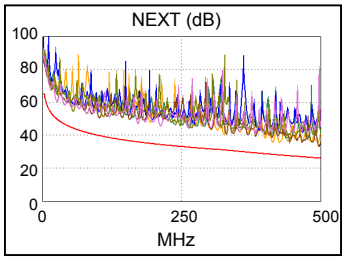
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

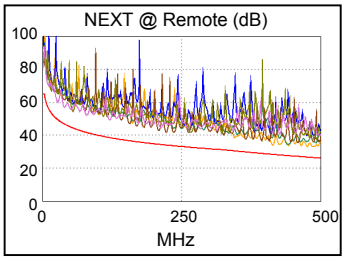


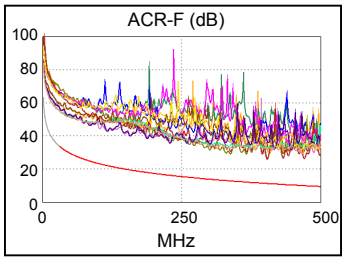

Wire Map (T568A)
**PASS**

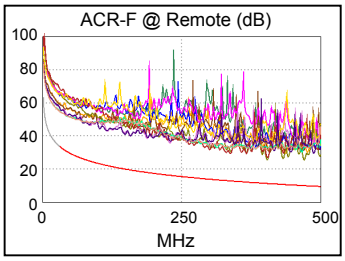


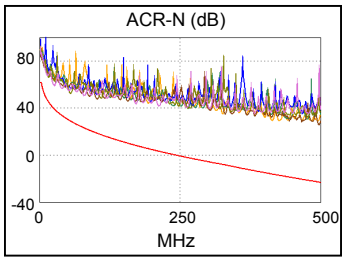



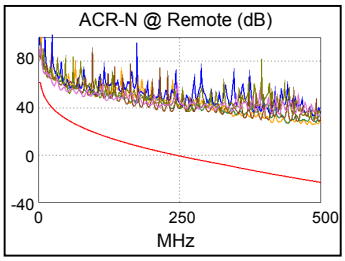



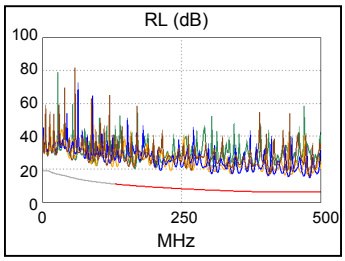



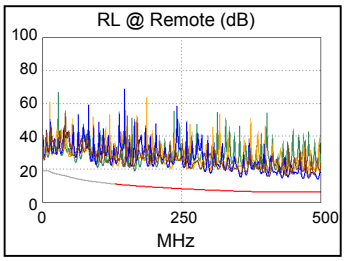



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-03-PT-06

Date / Time: 12/26/2018 04:34:43 PM
**Headroom 5.6 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.2 |
| Frequency (MHz) | [Pair 45] | 469.0 |
| Limit (dB) | [Pair 45] | 47.6 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 12-36 | 36-45 | 12-36 |
| **NEXT (dB)** | 6.8 | 5.6 | 6.8 | 6.3 |
| Freq. (MHz) | 497.0 | 413.0 | 497.0 | 476.0 |
| Limit (dB) | 26.2 | 28.4 | 26.2 | 26.7 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.2 | 6.4 | 8.2 | 7.0 |
| Freq. (MHz) | 496.0 | 441.0 | 496.0 | 475.0 |
| Limit (dB) | 23.3 | 24.7 | 23.3 | 23.8 |

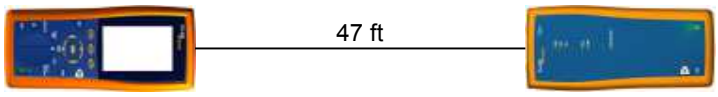
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.8 | 14.4 | 14.8 | 15.6 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 470.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 9.8 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 16.6 | 16.8 | 16.6 | 16.8 |
| Freq. (MHz) | 404.0 | 403.0 | 404.0 | 403.0 |
| Limit (dB) | 8.1 | 8.2 | 8.1 | 8.2 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 45-78 | 36-45 | 12-36 |
| **ACR-N (dB)** | 20.0 | 19.1 | 48.7 | 48.1 |
| Freq. (MHz) | 24.6 | 8.1 | 497.0 | 485.0 |
| Limit (dB) | 40.0 | 52.2 | -23.0 | -22.0 |
| Worst Pair | 36 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 20.6 | 19.7 | 50.6 | 49.2 |
| Freq. (MHz) | 15.1 | 8.5 | 497.0 | 486.0 |
| Limit (dB) | 43.0 | 49.2 | -25.8 | -25.0 |

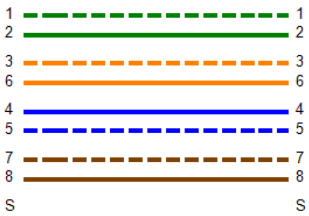
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 8.9 | 7.9 | 8.9 | 7.9 |
| Freq. (MHz) | 480.0 | 494.0 | 480.0 | 494.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

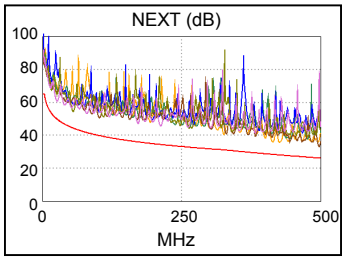


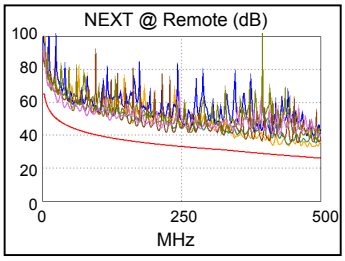

Wire Map (T568A)
**PASS**

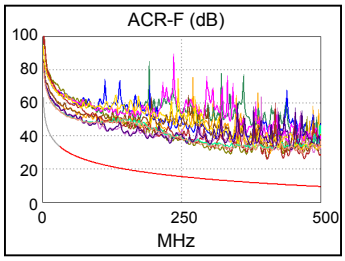


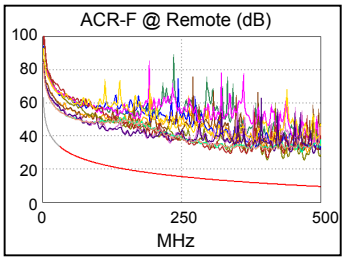


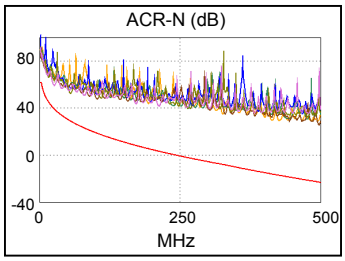


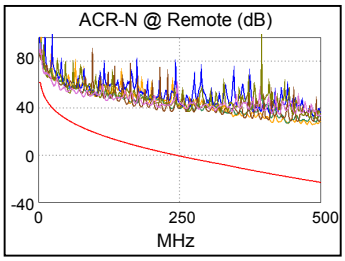


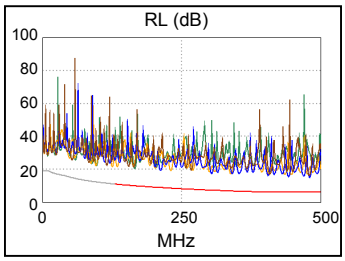



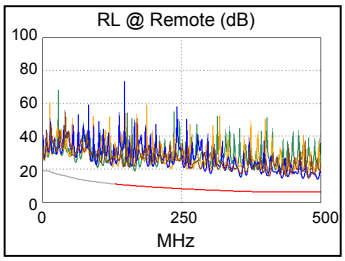



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-07

Date / Time: 12/26/2018 04:35:12 PM
**Headroom 4.6 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.7 |
| Frequency (MHz) | [Pair 45] | 497.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 7.3 | 4.6 | 8.2 | 5.1 |
| Freq. (MHz) | 414.0 | 384.0 | 484.0 | 476.0 |
| Limit (dB) | 28.3 | 29.2 | 26.5 | 26.7 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.4 | 6.5 | 8.5 | 6.7 |
| Freq. (MHz) | 415.0 | 384.0 | 486.0 | 476.0 |
| Limit (dB) | 25.4 | 26.3 | 23.6 | 23.8 |

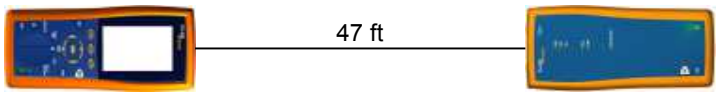
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.3 | 13.9 | 14.4 | 13.9 |
| Freq. (MHz) | 403.0 | 432.0 | 433.0 | 432.0 |
| Limit (dB) | 11.2 | 10.5 | 10.5 | 10.5 |
| Worst Pair | 36 | 36 | 36 | 45 |
| **PS ACR-F (dB)** | 15.9 | 17.0 | 16.3 | 17.1 |
| Freq. (MHz) | 404.0 | 405.0 | 433.0 | 433.0 |
| Limit (dB) | 8.1 | 8.1 | 7.5 | 7.5 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 45-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 19.0 | 19.3 | 50.0 | 46.1 |
| Freq. (MHz) | 7.1 | 3.5 | 484.0 | 476.0 |
| Limit (dB) | 53.5 | 60.1 | -22.0 | -21.3 |
| Worst Pair | 45 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 20.0 | 19.7 | 50.2 | 48.8 |
| Freq. (MHz) | 7.3 | 5.6 | 486.0 | 490.0 |
| Limit (dB) | 50.8 | 53.2 | -25.0 | -25.3 |

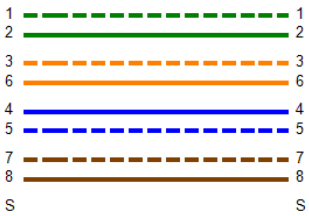
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 78 | 36 | 45 |
| **RL (dB)** | 7.9 | 7.3 | 8.3 | 7.8 |
| Freq. (MHz) | 125.0 | 206.0 | 406.0 | 431.0 |
| Limit (dB) | 11.0 | 8.9 | 6.0 | 6.0 |

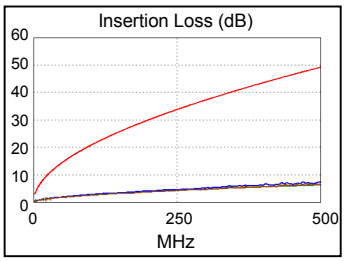
Compliant Network Standards:

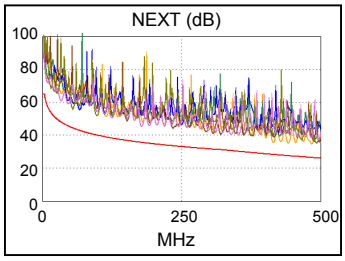
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

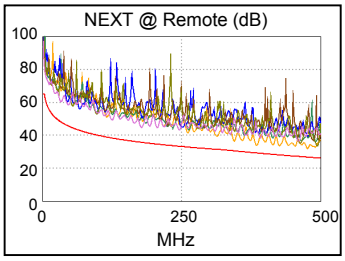


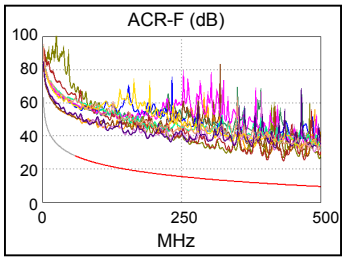

Wire Map (T568A)
**PASS**

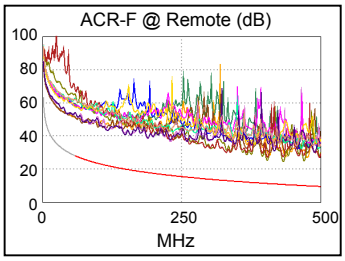


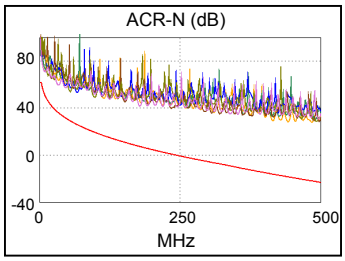



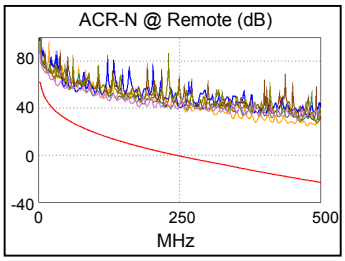



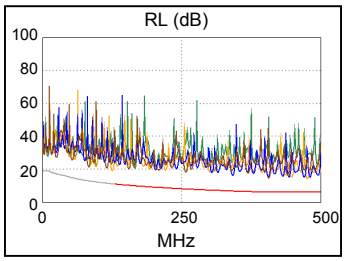



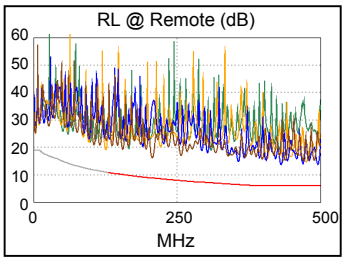



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-08

Date / Time: 12/26/2018 04:35:46 PM
**Headroom 6.2 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.1 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-78 | 12-36 | 36-78 | 12-36 |
| **NEXT (dB)** | 7.9 | 6.2 | 7.9 | 6.7 |
| Freq. (MHz) | 484.0 | 425.0 | 484.0 | 485.0 |
| Limit (dB) | 26.5 | 28.0 | 26.5 | 26.5 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.1 | 7.0 | 8.1 | 7.3 |
| Freq. (MHz) | 484.0 | 424.0 | 484.0 | 488.0 |
| Limit (dB) | 23.6 | 25.1 | 23.6 | 23.5 |

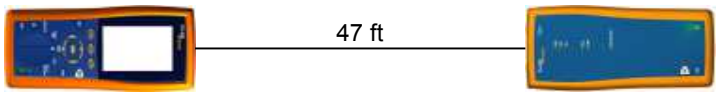
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.3 | 14.0 | 14.8 | 14.4 |
| Freq. (MHz) | 403.0 | 403.0 | 432.0 | 432.0 |
| Limit (dB) | 11.2 | 11.2 | 10.5 | 10.5 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 16.0 | 16.7 | 16.4 | 17.2 |
| Freq. (MHz) | 403.0 | 403.0 | 433.0 | 432.0 |
| Limit (dB) | 8.2 | 8.2 | 7.5 | 7.5 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 45-78 | 12-45 | 12-36 |
| **ACR-N (dB)** | 18.4 | 19.0 | 49.9 | 48.3 |
| Freq. (MHz) | 13.4 | 13.5 | 489.0 | 485.0 |
| Limit (dB) | 47.0 | 46.9 | -22.3 | -22.0 |
| Worst Pair | 78 | 78 | 36 | 36 |
| **PS ACR-N (dB)** | 18.2 | 18.6 | 49.7 | 49.3 |
| Freq. (MHz) | 13.5 | 13.5 | 484.0 | 487.0 |
| Limit (dB) | 44.3 | 44.3 | -24.8 | -25.1 |

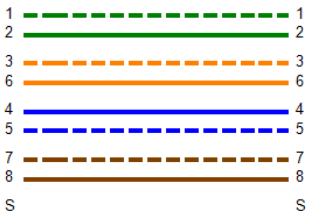
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 36 | 45 | 36 |
| **RL (dB)** | 9.4 | 9.1 | 9.4 | 9.1 |
| Freq. (MHz) | 441.0 | 445.0 | 441.0 | 445.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

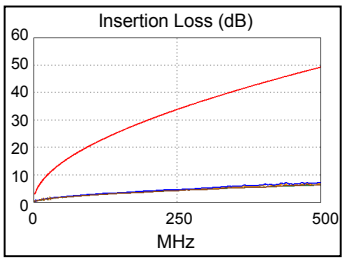
Compliant Network Standards:

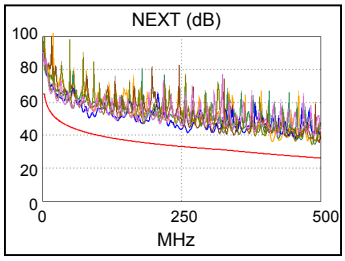
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

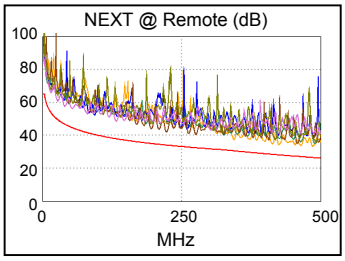


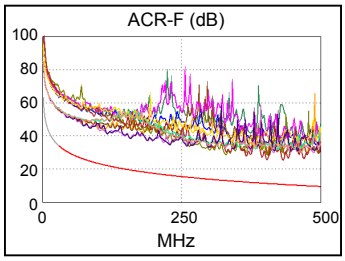

Wire Map (T568A)
**PASS**

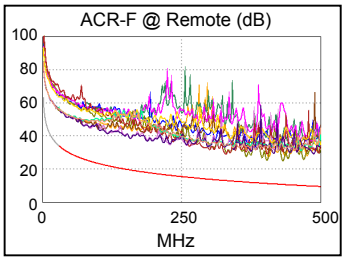


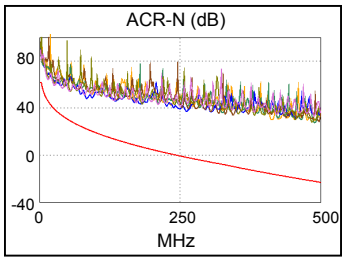



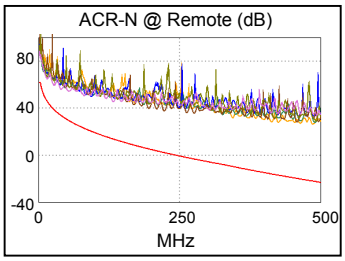



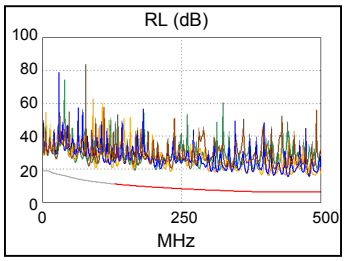



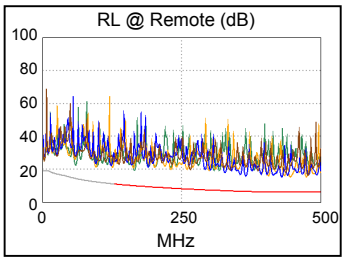



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-09

Date / Time: 12/26/2018 04:36:15 PM
**Headroom 5.1 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 70 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.8 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 36-78 | 12-36 |
| **NEXT (dB)** | 6.8 | 5.1 | 9.6 | 5.1 |
| Freq. (MHz) | 91.8 | 419.0 | 466.0 | 482.0 |
| Limit (dB) | 40.6 | 28.2 | 26.9 | 26.5 |
| Worst Pair | 36 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 7.9 | 6.3 | 10.3 | 6.6 |
| Freq. (MHz) | 52.5 | 419.0 | 480.0 | 482.0 |
| Limit (dB) | 41.9 | 25.3 | 23.7 | 23.7 |

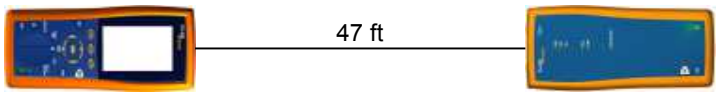
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.2 | 13.0 | 13.7 | 13.4 |
| Freq. (MHz) | 400.0 | 400.0 | 438.0 | 438.0 |
| Limit (dB) | 11.2 | 11.2 | 10.4 | 10.4 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 14.7 | 16.1 | 15.1 | 16.4 |
| Freq. (MHz) | 400.0 | 400.0 | 439.0 | 438.0 |
| Limit (dB) | 8.2 | 8.2 | 7.4 | 7.4 |

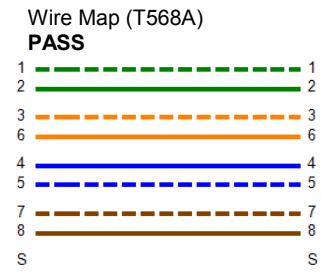
| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 12-36 | 36-45 | 12-36 |
| **ACR-N (dB)** | 15.4 | 15.2 | 52.7 | 46.4 |
| Freq. (MHz) | 7.1 | 3.0 | 492.0 | 482.0 |
| Limit (dB) | 53.5 | 61.4 | -22.6 | -21.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 15.3 | 15.9 | 51.5 | 48.0 |
| Freq. (MHz) | 14.4 | 13.9 | 480.0 | 482.0 |
| Limit (dB) | 43.6 | 44.0 | -24.5 | -24.7 |

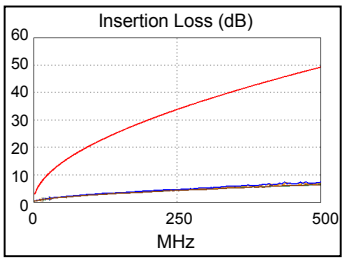
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 8.6 | 8.3 | 8.6 | 8.3 |
| Freq. (MHz) | 442.0 | 441.0 | 442.0 | 441.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

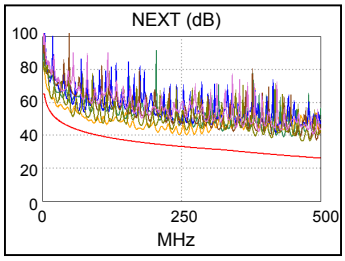
Compliant Network Standards:

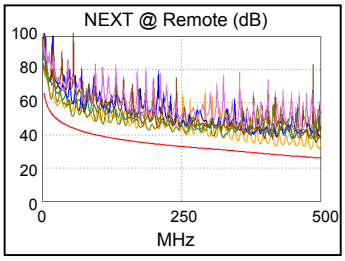
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

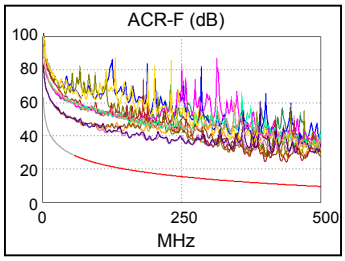


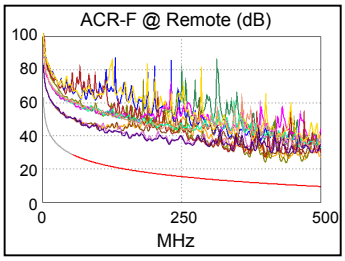



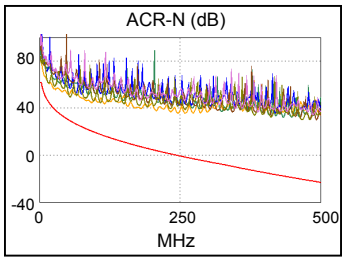



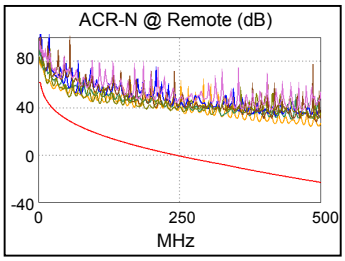



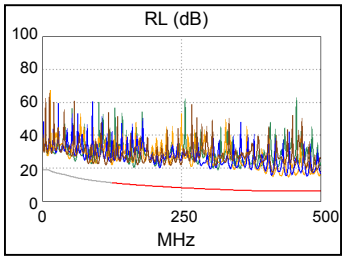



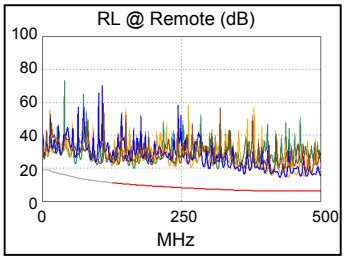



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-03-PT-10

Date / Time: 12/26/2018 04:37:02 PM
**Headroom 5.0 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 70 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.0 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.9 | 5.0 | 5.9 | 5.6 |
| Freq. (MHz) | 450.0 | 450.0 | 450.0 | 500.0 |
| Limit (dB) | 27.3 | 27.3 | 27.3 | 26.1 |
| Worst Pair | 36 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 7.2 | 7.0 | 7.2 | 8.0 |
| Freq. (MHz) | 464.0 | 449.0 | 464.0 | 500.0 |
| Limit (dB) | 24.1 | 24.5 | 24.1 | 23.2 |

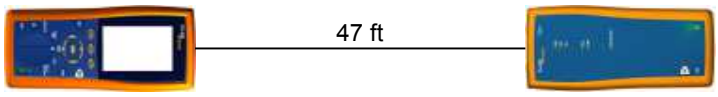
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.6 | 14.2 | 14.6 | 14.2 |
| Freq. (MHz) | 401.0 | 401.0 | 401.0 | 401.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 15.7 | 17.1 | 15.7 | 17.1 |
| Freq. (MHz) | 402.0 | 402.0 | 402.0 | 402.0 |
| Limit (dB) | 8.2 | 8.2 | 8.2 | 8.2 |

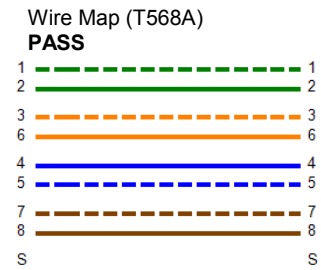
| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.9 | 19.4 | 45.8 | 48.1 |
| Freq. (MHz) | 14.8 | 14.3 | 450.0 | 500.0 |
| Limit (dB) | 46.0 | 46.3 | -19.2 | -23.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 20.2 | 20.2 | 47.9 | 50.5 |
| Freq. (MHz) | 14.1 | 5.5 | 464.0 | 500.0 |
| Limit (dB) | 43.8 | 53.4 | -23.2 | -26.1 |

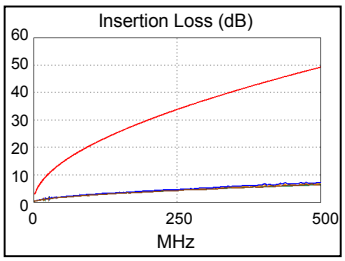
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 78 |
| **RL (dB)** | 8.3 | 8.8 | 9.4 | 9.0 |
| Freq. (MHz) | 124.0 | 124.5 | 473.0 | 484.0 |
| Limit (dB) | 11.1 | 11.0 | 6.0 | 6.0 |

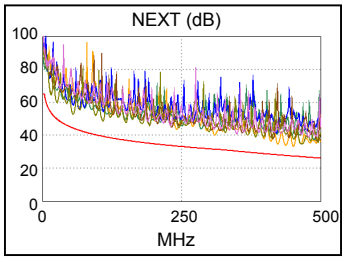
Compliant Network Standards:

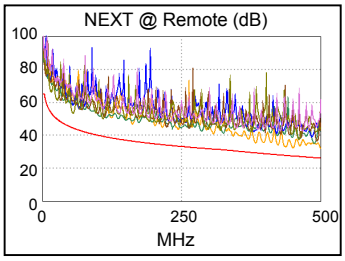
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

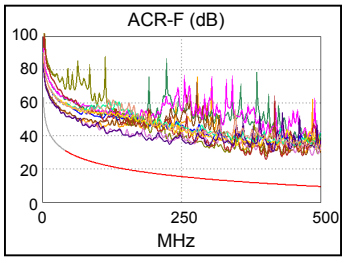


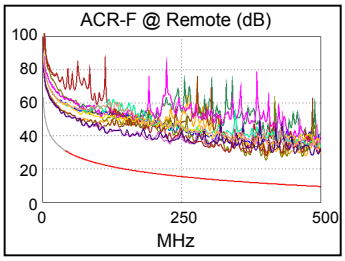



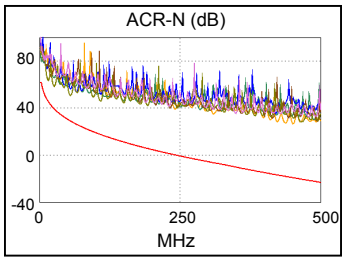



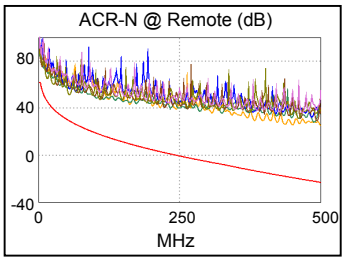



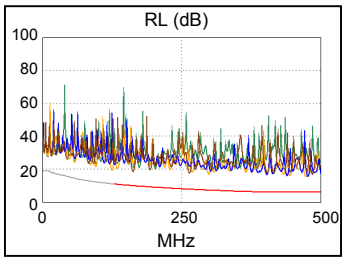



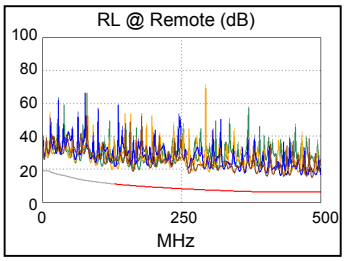



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-11

Date / Time: 12/26/2018 04:37:36 PM
**Headroom 6.0 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.8 |
| Frequency (MHz) | [Pair 45] | 497.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 36-45 | 12-36 |
| **NEXT (dB)** | 7.1 | 6.0 | 9.1 | 6.0 |
| Freq. (MHz) | 415.0 | 426.0 | 497.0 | 477.0 |
| Limit (dB) | 28.3 | 28.0 | 26.2 | 26.7 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 7.9 | 6.5 | 7.9 | 6.9 |
| Freq. (MHz) | 455.0 | 426.0 | 455.0 | 454.0 |
| Limit (dB) | 24.3 | 25.1 | 24.3 | 24.3 |

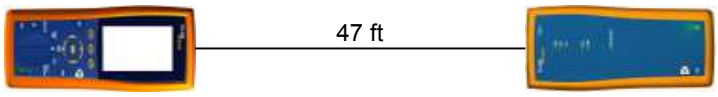
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.7 | 14.3 | 14.7 | 14.3 |
| Freq. (MHz) | 404.0 | 404.0 | 404.0 | 404.0 |
| Limit (dB) | 11.1 | 11.1 | 11.1 | 11.1 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 16.4 | 16.9 | 16.4 | 16.9 |
| Freq. (MHz) | 405.0 | 405.0 | 405.0 | 405.0 |
| Limit (dB) | 8.1 | 8.1 | 8.1 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 45-78 | 36-45 | 12-36 |
| **ACR-N (dB)** | 18.4 | 19.0 | 51.0 | 47.4 |
| Freq. (MHz) | 25.8 | 16.1 | 497.0 | 477.0 |
| Limit (dB) | 39.4 | 45.0 | -23.0 | -21.4 |
| Worst Pair | 78 | 45 | 36 | 12 |
| **PS ACR-N (dB)** | 19.2 | 19.2 | 48.2 | 49.4 |
| Freq. (MHz) | 14.8 | 8.6 | 455.0 | 477.0 |
| Limit (dB) | 43.3 | 49.0 | -22.5 | -24.3 |

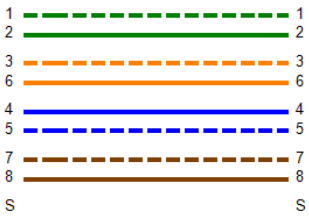
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 78 | 45 | 78 |
| **RL (dB)** | 8.7 | 8.3 | 8.9 | 8.3 |
| Freq. (MHz) | 125.0 | 478.0 | 442.0 | 478.0 |
| Limit (dB) | 11.0 | 6.0 | 6.0 | 6.0 |

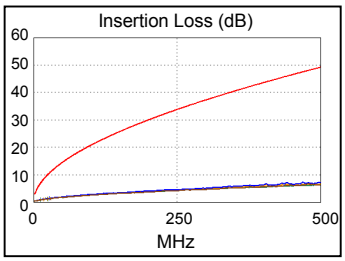
Compliant Network Standards:

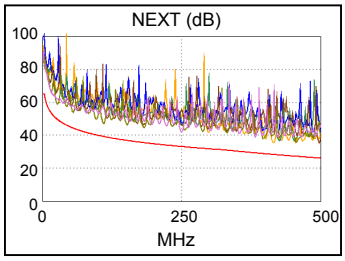
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

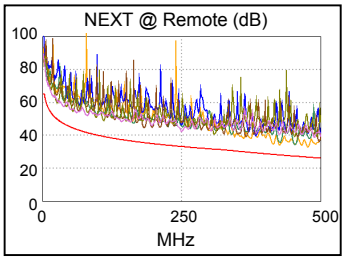


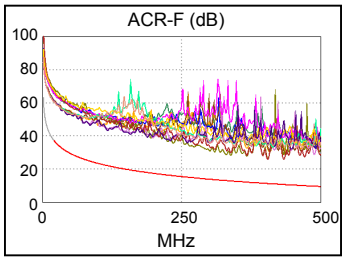

Wire Map (T568A)
**PASS**

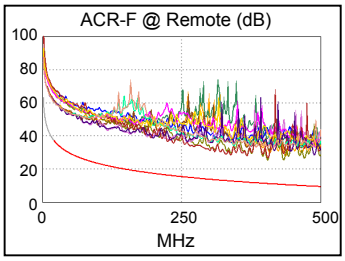


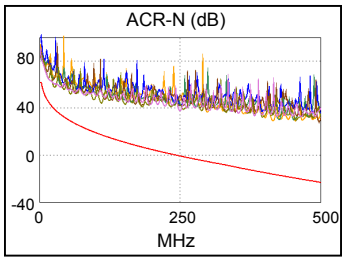



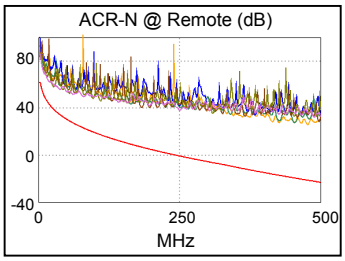



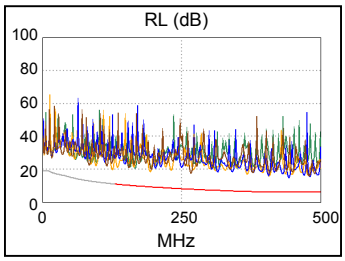



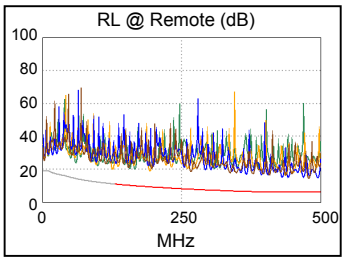



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-12

Date / Time: 12/26/2018 04:46:40 PM
**Headroom 6.8 dB (NEXT 36-78)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.3 |
| Frequency (MHz) | [Pair 45] | 469.0 |
| Limit (dB) | [Pair 45] | 47.6 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-78 | 36-78 | 36-78 | 12-36 |
| **NEXT (dB)** | 7.1 | 6.8 | 9.1 | 7.6 |
| Freq. (MHz) | 54.5 | 151.0 | 478.0 | 488.0 |
| Limit (dB) | 44.4 | 36.9 | 26.6 | 26.4 |
| Worst Pair | 12 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.8 | 7.6 | 9.7 | 7.6 |
| Freq. (MHz) | 423.0 | 464.0 | 488.0 | 464.0 |
| Limit (dB) | 25.2 | 24.1 | 23.5 | 24.1 |

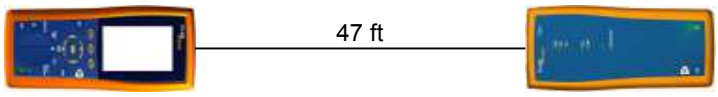
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.1 | 13.9 | 14.1 | 13.9 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 403.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 15.4 | 16.1 | 15.4 | 16.1 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 404.0 |
| Limit (dB) | 8.2 | 8.2 | 8.2 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 36-78 | 12-36 |
| **ACR-N (dB)** | 15.0 | 17.4 | 50.7 | 49.5 |
| Freq. (MHz) | 14.8 | 13.9 | 478.0 | 488.0 |
| Limit (dB) | 46.0 | 46.6 | -21.5 | -22.3 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 16.8 | 18.4 | 51.5 | 49.9 |
| Freq. (MHz) | 13.8 | 14.1 | 488.0 | 487.0 |
| Limit (dB) | 44.1 | 43.8 | -25.1 | -25.1 |

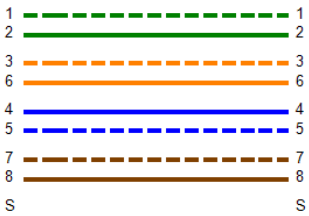
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 78 | 36 | 78 |
| **RL (dB)** | 8.0 | 7.7 | 8.0 | 7.7 |
| Freq. (MHz) | 500.0 | 488.0 | 500.0 | 488.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

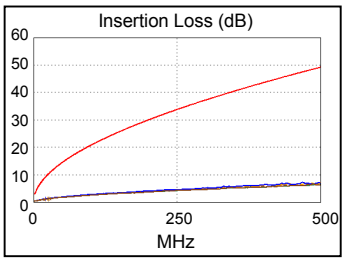
Compliant Network Standards:

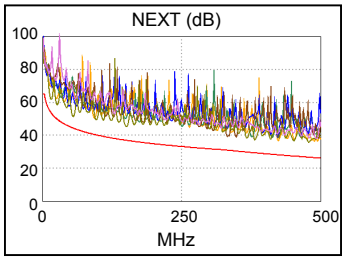
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

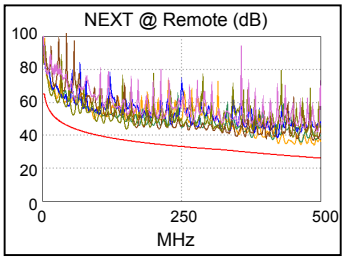


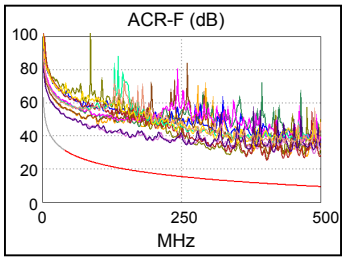

Wire Map (T568A)
**PASS**

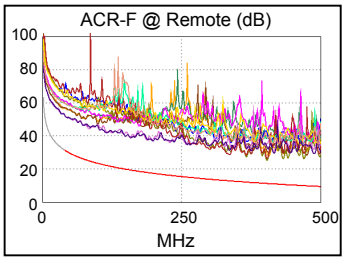


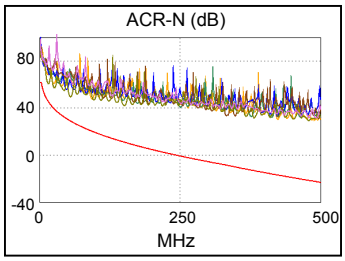



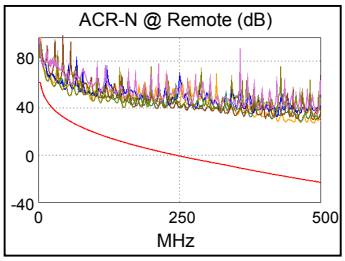



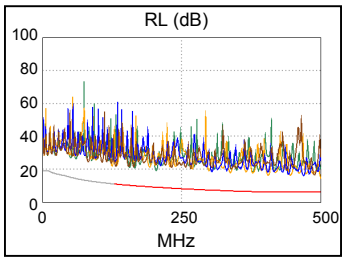



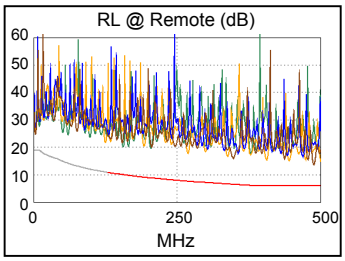



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-13

Date / Time: 12/26/2018 04:39:57 PM
**Headroom 5.6 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.8 |
| Frequency (MHz) | [Pair 45] | 477.0 |
| Limit (dB) | [Pair 45] | 48.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.9 | 5.6 | 6.3 | 5.9 |
| Freq. (MHz) | 414.0 | 442.0 | 454.0 | 454.0 |
| Limit (dB) | 28.3 | 27.6 | 27.2 | 27.2 |
| Worst Pair | 36 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 8.0 | 7.1 | 9.2 | 8.5 |
| Freq. (MHz) | 414.0 | 414.0 | 496.0 | 495.0 |
| Limit (dB) | 25.4 | 25.4 | 23.3 | 23.3 |

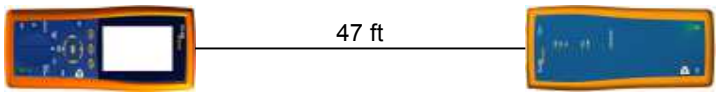
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 15.2 | 14.7 | 15.2 | 14.7 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 403.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 17.5 | 17.7 | 17.5 | 17.7 |
| Freq. (MHz) | 403.0 | 403.0 | 404.0 | 403.0 |
| Limit (dB) | 8.2 | 8.2 | 8.1 | 8.2 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-45 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.9 | 20.5 | 46.6 | 45.1 |
| Freq. (MHz) | 3.0 | 8.0 | 454.0 | 442.0 |
| Limit (dB) | 61.4 | 52.4 | -19.5 | -18.5 |
| Worst Pair | 12 | 12 | 36 | 36 |
| **PS ACR-N (dB)** | 20.0 | 20.5 | 50.7 | 50.9 |
| Freq. (MHz) | 3.0 | 7.6 | 484.0 | 495.0 |
| Limit (dB) | 58.4 | 50.3 | -24.8 | -25.7 |

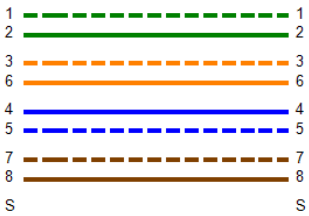
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 78 | 78 | 45 | 78 |
| **RL (dB)** | 8.3 | 7.6 | 8.7 | 8.0 |
| Freq. (MHz) | 154.5 | 356.0 | 479.0 | 477.0 |
| Limit (dB) | 10.1 | 6.5 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

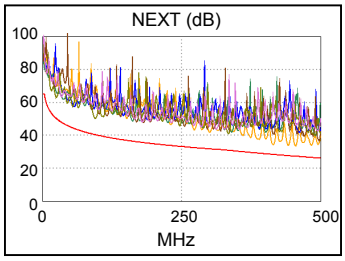


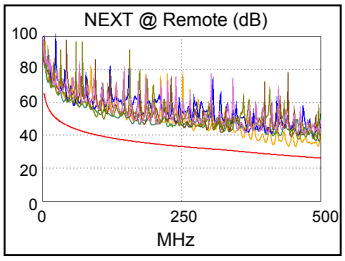

Wire Map (T568A)
**PASS**

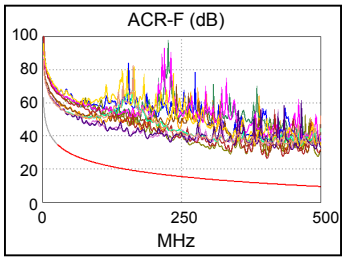


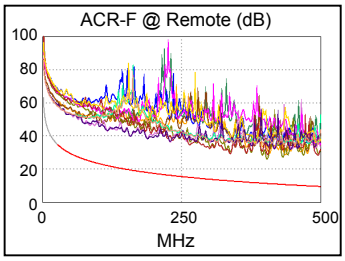


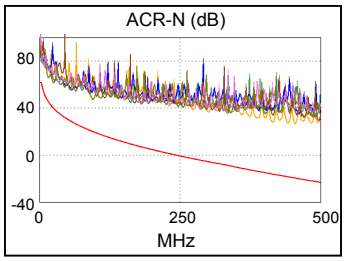


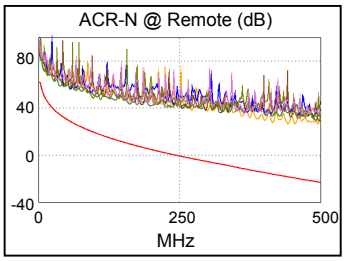


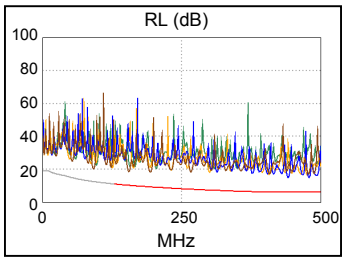



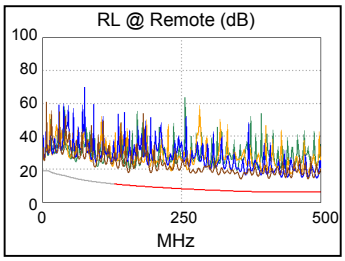



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-14

Date / Time: 12/26/2018 04:40:45 PM
**Headroom 5.3 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.0 |
| Frequency (MHz) | [Pair 45] | 499.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.9 | 5.3 | 6.8 | 5.9 |
| Freq. (MHz) | 416.0 | 416.0 | 485.0 | 456.0 |
| Limit (dB) | 28.3 | 28.3 | 26.5 | 27.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 7.7 | 7.2 | 7.9 | 7.2 |
| Freq. (MHz) | 417.0 | 498.0 | 486.0 | 498.0 |
| Limit (dB) | 25.3 | 23.3 | 23.6 | 23.3 |

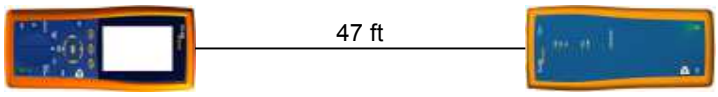
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 15.6 | 15.7 | 16.0 | 15.7 |
| Freq. (MHz) | 367.0 | 396.0 | 405.0 | 405.0 |
| Limit (dB) | 12.0 | 11.3 | 11.1 | 11.1 |
| Worst Pair | 45 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 17.7 | 17.2 | 17.8 | 17.6 |
| Freq. (MHz) | 367.0 | 368.0 | 406.0 | 406.0 |
| Limit (dB) | 9.0 | 8.9 | 8.1 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 45-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 16.9 | 16.5 | 48.6 | 49.6 |
| Freq. (MHz) | 12.4 | 10.1 | 485.0 | 497.0 |
| Limit (dB) | 47.9 | 50.0 | -22.0 | -23.0 |
| Worst Pair | 78 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 17.7 | 17.5 | 49.7 | 49.7 |
| Freq. (MHz) | 13.8 | 12.1 | 486.0 | 498.0 |
| Limit (dB) | 44.1 | 45.5 | -25.0 | -25.9 |

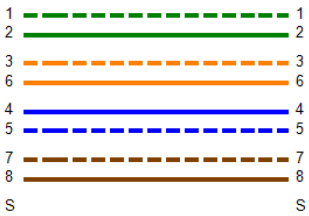
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 9.1 | 8.7 | 9.1 | 8.7 |
| Freq. (MHz) | 478.0 | 478.0 | 478.0 | 478.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

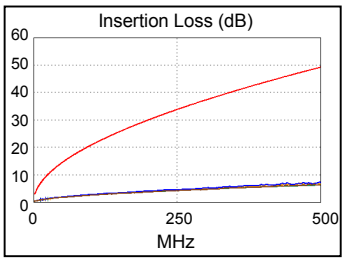
Compliant Network Standards:

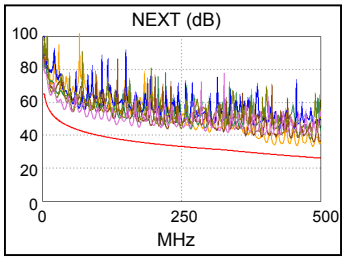
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

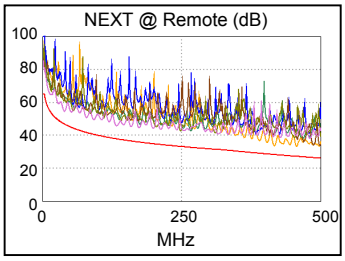


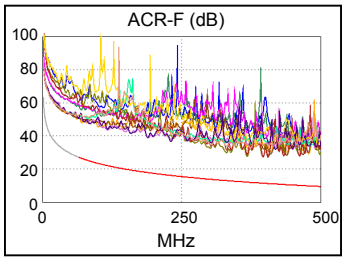

Wire Map (T568A)
**PASS**

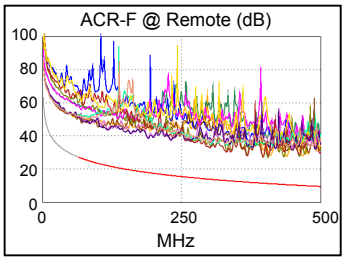


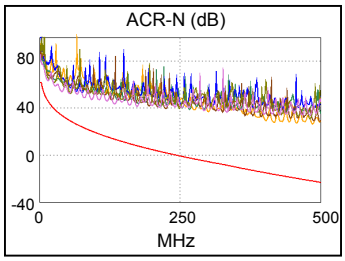



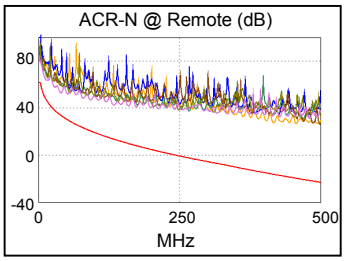



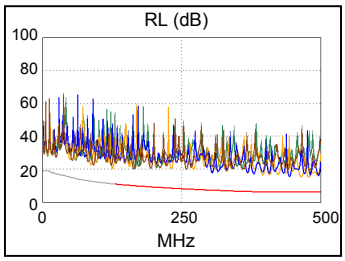



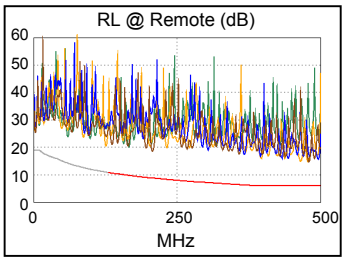



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-03-PT-15

Date / Time: 12/26/2018 04:41:43 PM
**Headroom 4.8 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.9 |
| Frequency (MHz) | [Pair 45] | 496.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 4.8 | 5.9 | 4.8 | 6.7 |
| Freq. (MHz) | 412.0 | 413.0 | 412.0 | 465.0 |
| Limit (dB) | 28.4 | 28.4 | 28.4 | 27.0 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 6.2 | 7.1 | 7.2 | 7.1 |
| Freq. (MHz) | 412.0 | 412.0 | 476.0 | 480.0 |
| Limit (dB) | 25.5 | 25.5 | 23.8 | 23.7 |

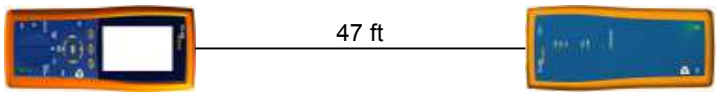
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.8 | 13.5 | 13.8 | 13.5 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 403.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 15.5 | 16.5 | 15.5 | 16.5 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 403.0 |
| Limit (dB) | 8.2 | 8.2 | 8.2 | 8.2 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 12-78 | 12-36 | 12-45 |
| **ACR-N (dB)** | 20.2 | 20.3 | 47.8 | 48.4 |
| Freq. (MHz) | 14.4 | 3.5 | 475.0 | 477.0 |
| Limit (dB) | 46.2 | 60.1 | -21.2 | -21.4 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS ACR-N (dB)** | 19.5 | 19.2 | 49.0 | 49.1 |
| Freq. (MHz) | 3.3 | 7.0 | 476.0 | 480.0 |
| Limit (dB) | 58.2 | 51.1 | -24.2 | -24.5 |

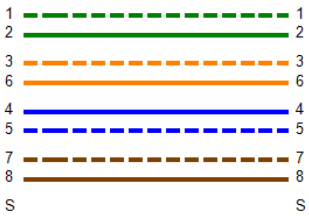
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 9.2 | 8.9 | 9.2 | 8.9 |
| Freq. (MHz) | 500.0 | 473.0 | 500.0 | 473.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

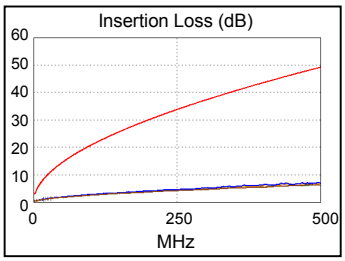
Compliant Network Standards:

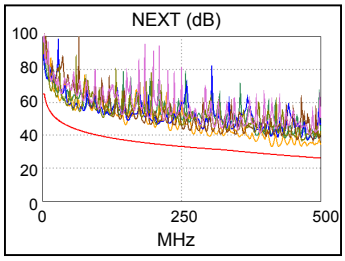
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

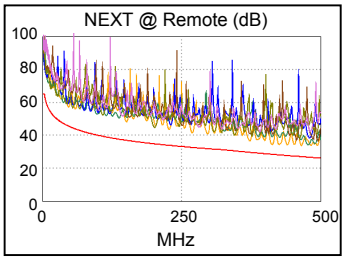


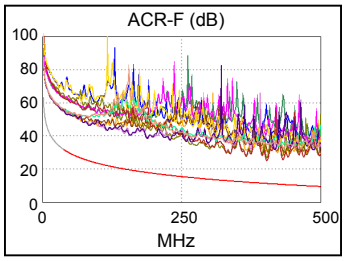

Wire Map (T568A)
**PASS**

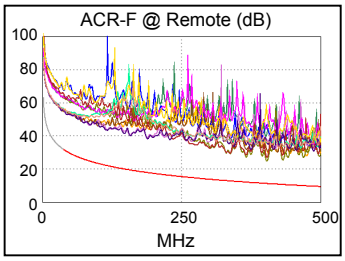


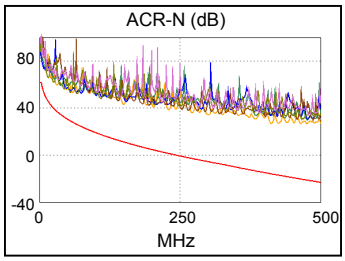



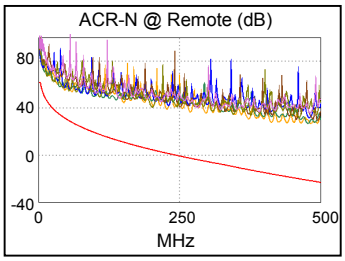



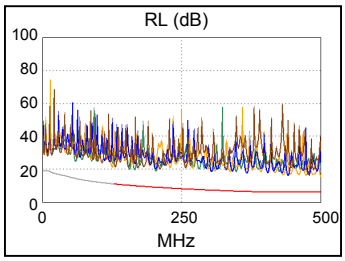



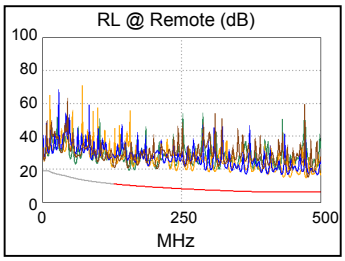



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-16

Date / Time: 12/26/2018 04:42:35 PM
**Headroom 5.9 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 70 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.8 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.2 | 5.9 | 6.2 | 5.9 |
| Freq. (MHz) | 451.0 | 452.0 | 451.0 | 452.0 |
| Limit (dB) | 27.3 | 27.3 | 27.3 | 27.3 |
| Worst Pair | 12 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 8.0 | 7.5 | 8.4 | 7.6 |
| Freq. (MHz) | 398.0 | 399.0 | 452.0 | 452.0 |
| Limit (dB) | 25.8 | 25.8 | 24.4 | 24.4 |

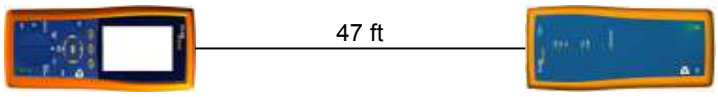
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 15.7 | 15.1 | 15.7 | 15.1 |
| Freq. (MHz) | 402.0 | 402.0 | 402.0 | 402.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 17.7 | 17.5 | 18.6 | 17.5 |
| Freq. (MHz) | 403.0 | 403.0 | 474.0 | 403.0 |
| Limit (dB) | 8.2 | 8.2 | 6.7 | 8.2 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.4 | 18.7 | 46.3 | 46.1 |
| Freq. (MHz) | 14.8 | 14.8 | 451.0 | 452.0 |
| Limit (dB) | 46.0 | 46.0 | -19.3 | -19.4 |
| Worst Pair | 78 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 19.3 | 20.5 | 48.6 | 47.8 |
| Freq. (MHz) | 14.8 | 15.3 | 452.0 | 452.0 |
| Limit (dB) | 43.3 | 43.0 | -22.3 | -22.3 |

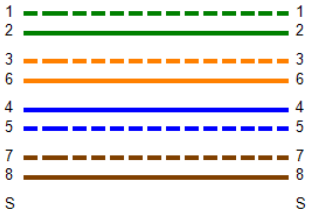
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 45 | 45 |
| **RL (dB)** | 9.2 | 8.9 | 9.3 | 9.0 |
| Freq. (MHz) | 124.0 | 124.5 | 476.0 | 438.0 |
| Limit (dB) | 11.1 | 11.0 | 6.0 | 6.0 |

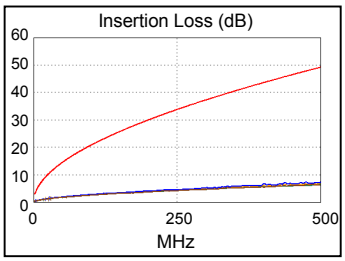
Compliant Network Standards:

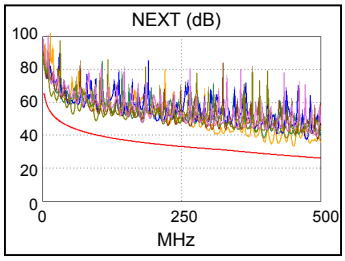
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

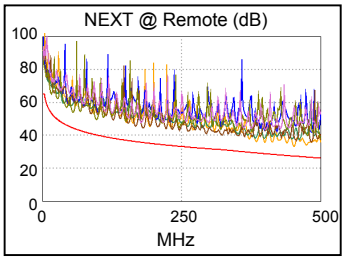


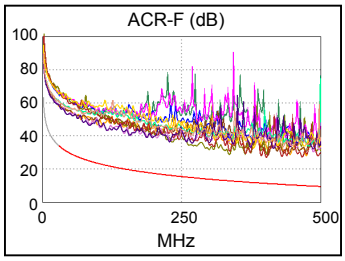

Wire Map (T568A)
**PASS**

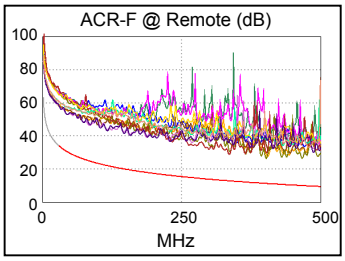


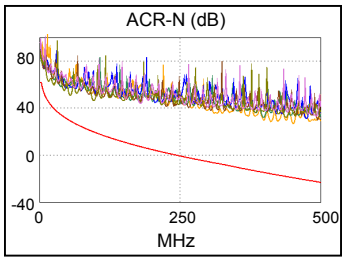



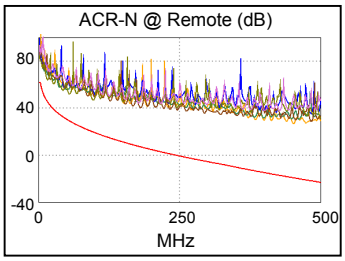



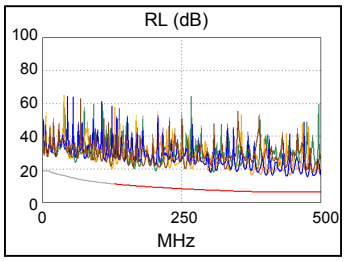



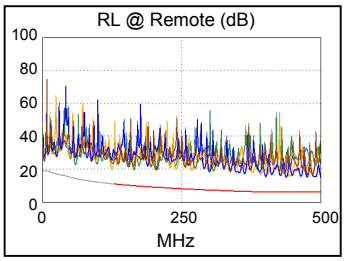



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-17

Date / Time: 12/26/2018 04:43:13 PM
**Headroom 5.6 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.3 |
| Frequency (MHz) | [Pair 45] | 468.0 |
| Limit (dB) | [Pair 45] | 47.6 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 9.4 | 5.6 | 10.3 | 5.6 |
| Freq. (MHz) | 223.0 | 484.0 | 484.0 | 486.0 |
| Limit (dB) | 34.0 | 26.5 | 26.5 | 26.4 |
| Worst Pair | 36 | 36 | 12 | 36 |
| **PS NEXT (dB)** | 10.4 | 6.7 | 11.8 | 6.7 |
| Freq. (MHz) | 319.0 | 484.0 | 494.0 | 484.0 |
| Limit (dB) | 28.3 | 23.6 | 23.4 | 23.6 |

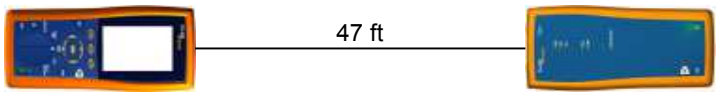
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 12-36 | 12-36 |
| **ACR-F (dB)** | 14.6 | 14.4 | 15.7 | 15.1 |
| Freq. (MHz) | 402.0 | 402.0 | 474.0 | 443.0 |
| Limit (dB) | 11.2 | 11.2 | 9.7 | 10.3 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 15.5 | 15.3 | 15.5 | 15.3 |
| Freq. (MHz) | 403.0 | 404.0 | 403.0 | 404.0 |
| Limit (dB) | 8.2 | 8.1 | 8.2 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.0 | 16.7 | 51.7 | 47.1 |
| Freq. (MHz) | 13.4 | 7.0 | 484.0 | 487.0 |
| Limit (dB) | 47.0 | 53.7 | -22.0 | -22.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 18.4 | 18.8 | 54.2 | 48.0 |
| Freq. (MHz) | 14.0 | 6.8 | 492.0 | 484.0 |
| Limit (dB) | 43.9 | 51.5 | -25.5 | -24.8 |

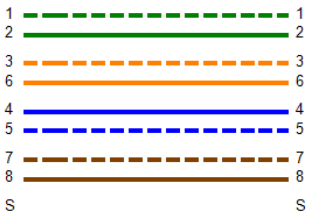
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 8.1 | 7.5 | 8.1 | 7.5 |
| Freq. (MHz) | 445.0 | 443.0 | 445.0 | 443.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

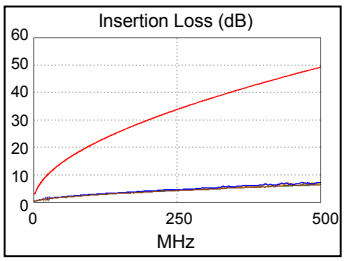
Compliant Network Standards:

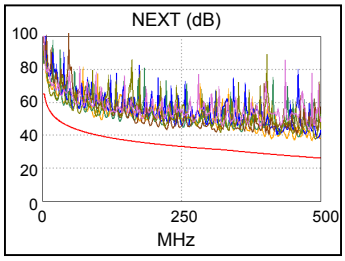
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

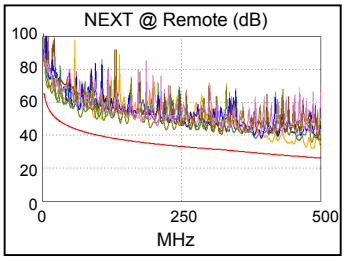


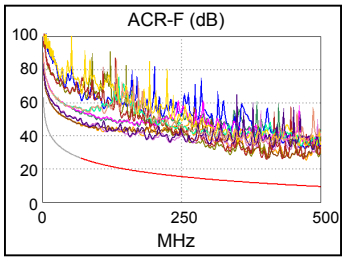

Wire Map (T568A)
**PASS**

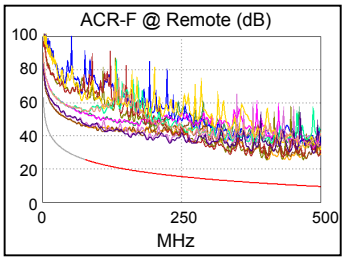


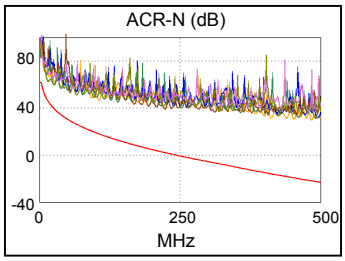



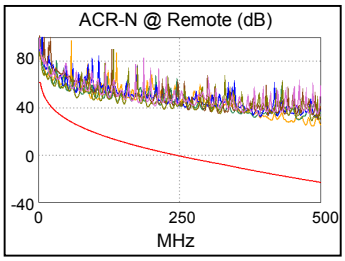



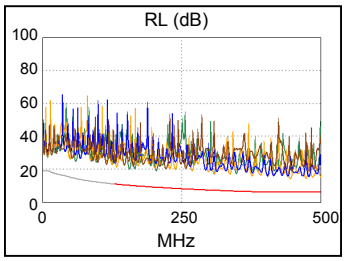



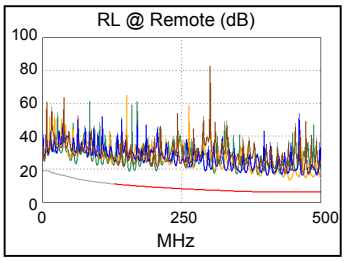



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-18

Date / Time: 12/26/2018 04:43:54 PM
**Headroom 3.9 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.7 |
| Frequency (MHz) | [Pair 45] | 477.0 |
| Limit (dB) | [Pair 45] | 48.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 7.9 | 3.9 | 7.9 | 3.9 |
| Freq. (MHz) | 414.0 | 475.0 | 453.0 | 475.0 |
| Limit (dB) | 28.3 | 26.7 | 27.3 | 26.7 |
| Worst Pair | 45 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.1 | 5.2 | 9.4 | 5.2 |
| Freq. (MHz) | 323.0 | 475.0 | 484.0 | 475.0 |
| Limit (dB) | 28.2 | 23.8 | 23.6 | 23.8 |

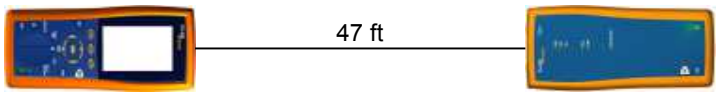
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.4 | 13.2 | 13.4 | 13.2 |
| Freq. (MHz) | 402.0 | 402.0 | 402.0 | 402.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 45 | 36 | 45 |
| **PS ACR-F (dB)** | 15.3 | 16.2 | 15.3 | 16.2 |
| Freq. (MHz) | 402.0 | 402.0 | 402.0 | 402.0 |
| Limit (dB) | 8.2 | 8.2 | 8.2 | 8.2 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 19.3 | 19.6 | 48.1 | 44.7 |
| Freq. (MHz) | 16.1 | 7.9 | 453.0 | 475.0 |
| Limit (dB) | 45.0 | 52.5 | -19.5 | -21.2 |
| Worst Pair | 36 | 36 | 45 | 12 |
| **PS ACR-N (dB)** | 19.2 | 19.8 | 51.6 | 46.9 |
| Freq. (MHz) | 16.6 | 5.3 | 494.0 | 475.0 |
| Limit (dB) | 42.0 | 53.9 | -25.6 | -24.1 |

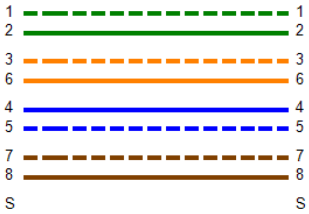
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 78 | 36 | 78 |
| **RL (dB)** | 8.5 | 7.1 | 8.5 | 7.1 |
| Freq. (MHz) | 500.0 | 487.0 | 500.0 | 487.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

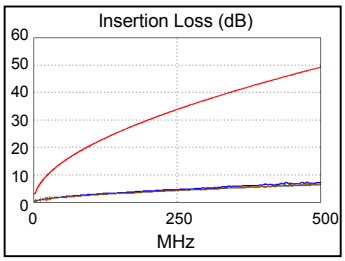
Compliant Network Standards:

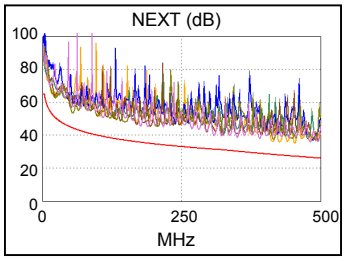
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

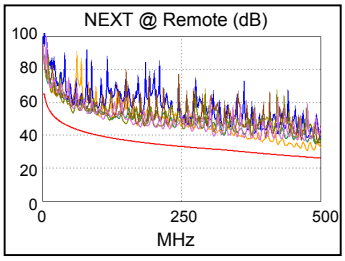


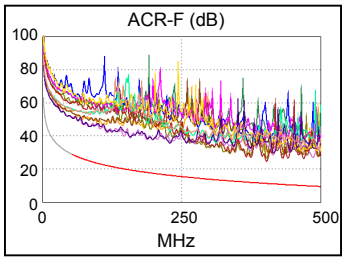

Wire Map (T568A)
**PASS**

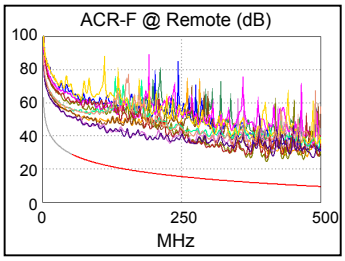


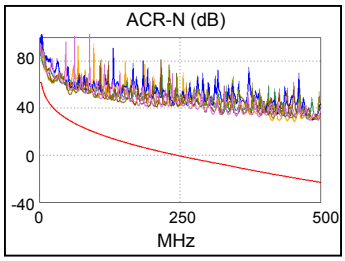



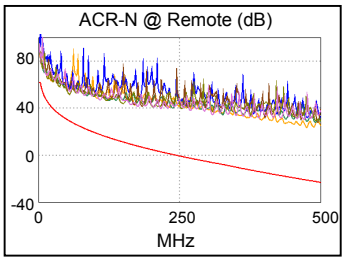



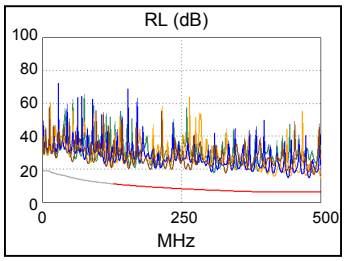



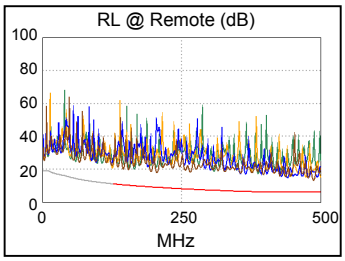



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-19

Date / Time: 12/26/2018 04:44:40 PM
**Headroom 4.1 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.0 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 4.7 | 4.1 | 5.9 | 5.3 |
| Freq. (MHz) | 440.0 | 414.0 | 494.0 | 493.0 |
| Limit (dB) | 27.6 | 28.3 | 26.2 | 26.3 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 7.1 | 5.3 | 7.8 | 6.0 |
| Freq. (MHz) | 440.0 | 414.0 | 495.0 | 487.0 |
| Limit (dB) | 24.7 | 25.4 | 23.3 | 23.5 |

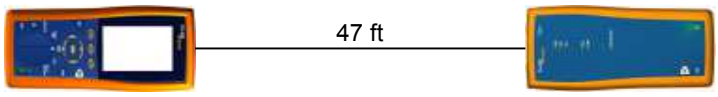
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 15.5 | 15.1 | 15.5 | 15.1 |
| Freq. (MHz) | 403.0 | 402.0 | 403.0 | 402.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 17.9 | 17.2 | 18.1 | 17.2 |
| Freq. (MHz) | 403.0 | 404.0 | 431.0 | 404.0 |
| Limit (dB) | 8.2 | 8.1 | 7.6 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-45 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.2 | 20.1 | 48.1 | 47.5 |
| Freq. (MHz) | 3.0 | 2.5 | 494.0 | 493.0 |
| Limit (dB) | 61.4 | 61.7 | -22.7 | -22.7 |
| Worst Pair | 45 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 19.8 | 21.4 | 50.1 | 47.7 |
| Freq. (MHz) | 3.0 | 3.1 | 495.0 | 487.0 |
| Limit (dB) | 58.4 | 58.3 | -25.7 | -25.1 |

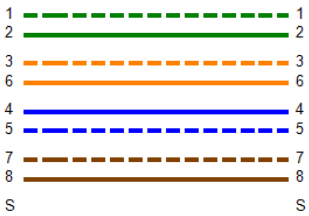
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 78 | 78 | 78 | 78 |
| **RL (dB)** | 7.3 | 5.9 | 7.3 | 5.9 |
| Freq. (MHz) | 477.0 | 477.0 | 477.0 | 477.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

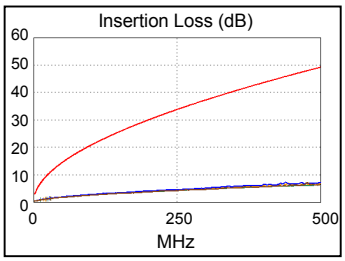
Compliant Network Standards:

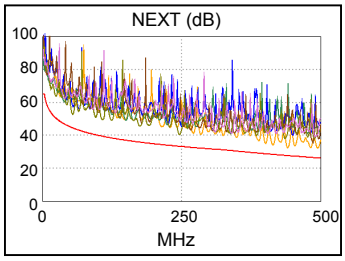
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

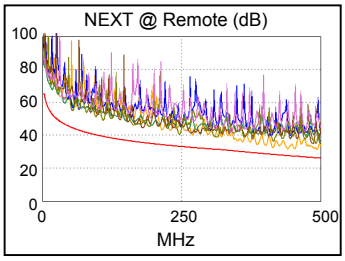


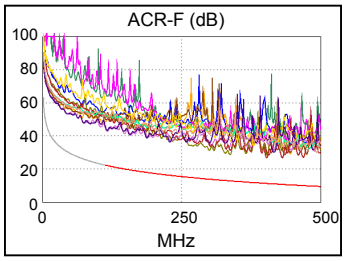

Wire Map (T568A)
**PASS**

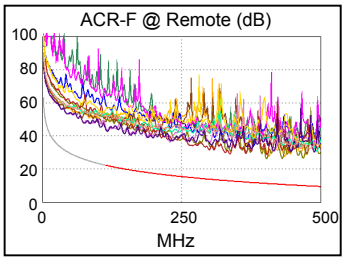


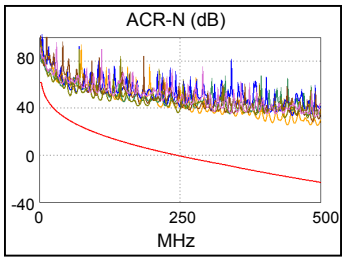



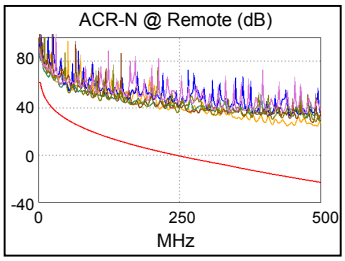



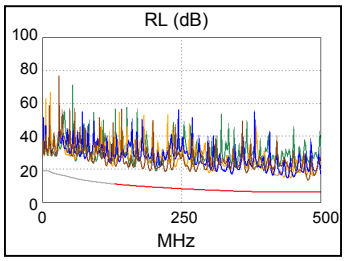



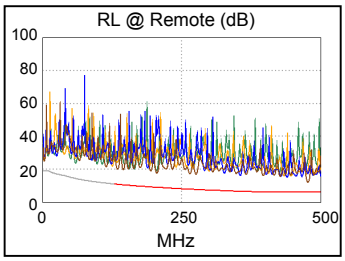



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-20

Date / Time: 12/26/2018 04:47:18 PM
**Headroom 6.8 dB (NEXT 36-78)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.3 |
| Frequency (MHz) | [Pair 45] | 469.0 |
| Limit (dB) | [Pair 45] | 47.6 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-78 | 36-78 | 36-78 | 12-36 |
| **NEXT (dB)** | 7.1 | 6.8 | 9.1 | 7.7 |
| Freq. (MHz) | 54.5 | 151.0 | 478.0 | 488.0 |
| Limit (dB) | 44.4 | 36.9 | 26.6 | 26.4 |
| Worst Pair | 12 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.7 | 7.6 | 9.7 | 7.6 |
| Freq. (MHz) | 423.0 | 464.0 | 488.0 | 464.0 |
| Limit (dB) | 25.2 | 24.1 | 23.5 | 24.1 |

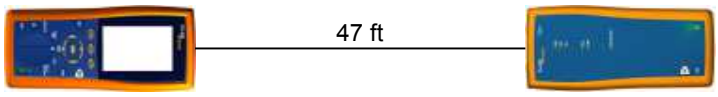
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 13.9 | 13.8 | 13.9 | 13.8 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 403.0 |
| Limit (dB) | 11.2 | 11.2 | 11.2 | 11.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 15.3 | 16.1 | 15.3 | 16.1 |
| Freq. (MHz) | 403.0 | 403.0 | 403.0 | 404.0 |
| Limit (dB) | 8.2 | 8.2 | 8.2 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 36-78 | 12-36 |
| **ACR-N (dB)** | 15.1 | 17.5 | 50.7 | 49.6 |
| Freq. (MHz) | 14.8 | 13.6 | 478.0 | 488.0 |
| Limit (dB) | 46.0 | 46.8 | -21.5 | -22.3 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 16.8 | 18.5 | 51.5 | 50.0 |
| Freq. (MHz) | 14.4 | 14.0 | 488.0 | 487.0 |
| Limit (dB) | 43.6 | 43.9 | -25.1 | -25.1 |

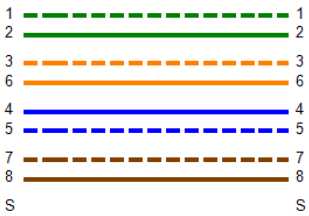
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 78 | 36 | 78 |
| **RL (dB)** | 7.9 | 7.7 | 7.9 | 7.7 |
| Freq. (MHz) | 500.0 | 488.0 | 500.0 | 488.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

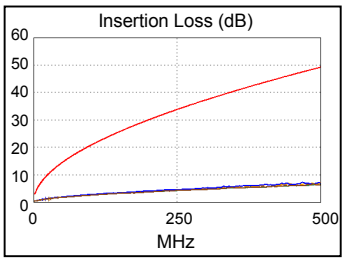
Compliant Network Standards:

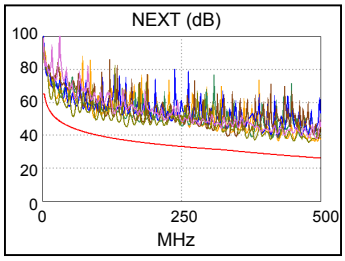
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

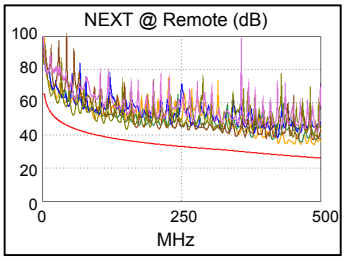


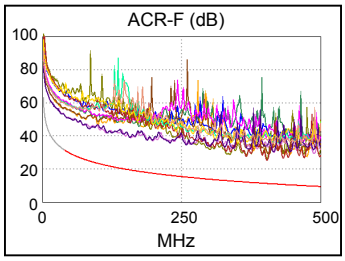

Wire Map (T568A)
**PASS**

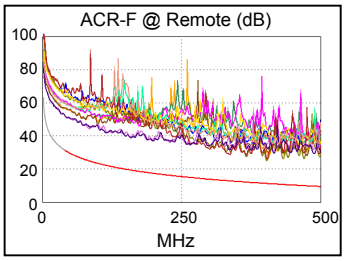


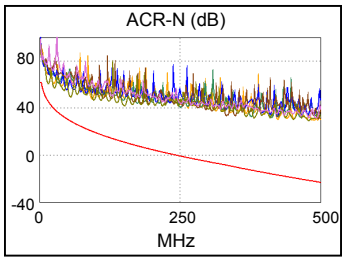



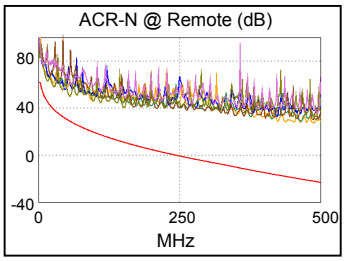



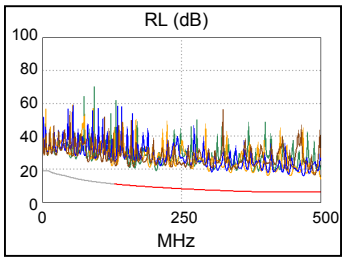



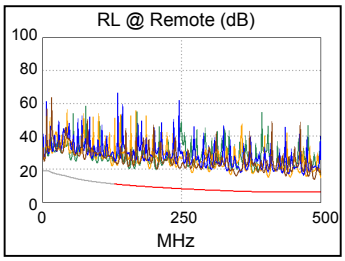



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-21

Date / Time: 12/26/2018 04:48:21 PM
**Headroom 5.2 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.1 |
| Frequency (MHz) | [Pair 45] | 469.0 |
| Limit (dB) | [Pair 45] | 47.6 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.8 | 5.2 | 5.8 | 6.5 |
| Freq. (MHz) | 442.0 | 414.0 | 442.0 | 476.0 |
| Limit (dB) | 27.6 | 28.3 | 27.6 | 26.7 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.0 | 7.2 | 8.0 | 7.8 |
| Freq. (MHz) | 441.0 | 414.0 | 441.0 | 454.0 |
| Limit (dB) | 24.7 | 25.4 | 24.7 | 24.3 |

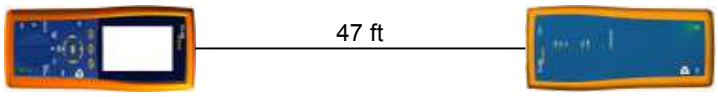
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 36-45 |
| **ACR-F (dB)** | 15.1 | 15.0 | 15.1 | 15.3 |
| Freq. (MHz) | 404.0 | 404.0 | 404.0 | 433.0 |
| Limit (dB) | 11.1 | 11.1 | 11.1 | 10.5 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 16.6 | 16.3 | 16.6 | 16.3 |
| Freq. (MHz) | 404.0 | 405.0 | 404.0 | 405.0 |
| Limit (dB) | 8.1 | 8.1 | 8.1 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.2 | 17.1 | 45.4 | 47.6 |
| Freq. (MHz) | 5.8 | 14.9 | 442.0 | 476.0 |
| Limit (dB) | 55.6 | 45.9 | -18.5 | -21.3 |
| Worst Pair | 78 | 78 | 36 | 36 |
| **PS ACR-N (dB)** | 17.9 | 17.6 | 47.6 | 50.5 |
| Freq. (MHz) | 15.3 | 5.3 | 441.0 | 489.0 |
| Limit (dB) | 43.0 | 53.9 | -21.4 | -25.2 |

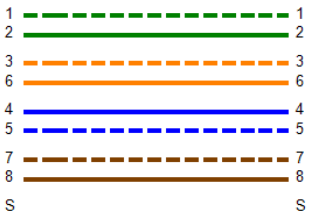
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 78 | 78 | 45 | 78 |
| **RL (dB)** | 7.2 | 7.5 | 9.0 | 7.5 |
| Freq. (MHz) | 154.5 | 154.0 | 470.0 | 488.0 |
| Limit (dB) | 10.1 | 10.1 | 6.0 | 6.0 |

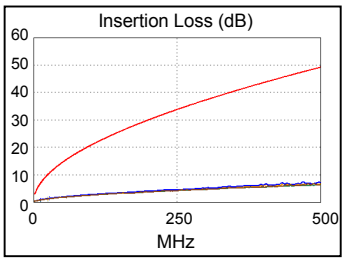
Compliant Network Standards:

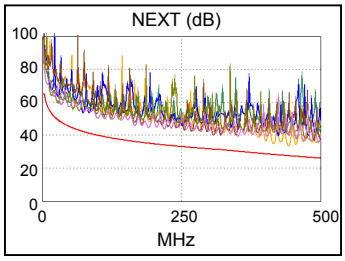
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

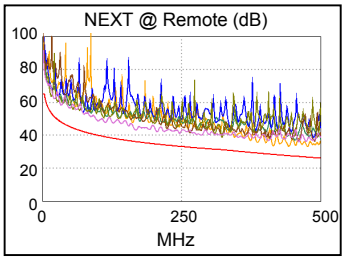


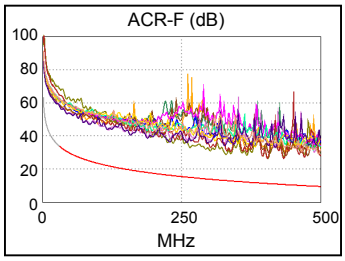

Wire Map (T568A)
**PASS**

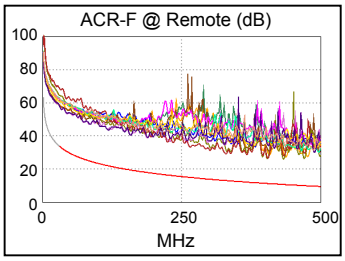


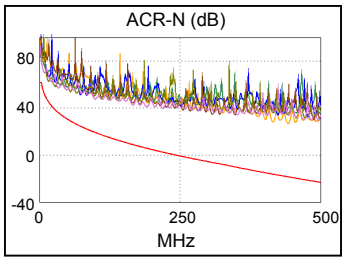



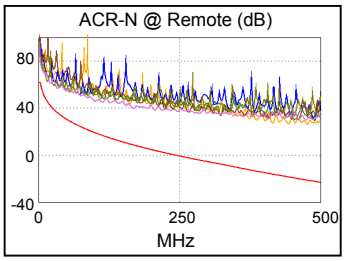



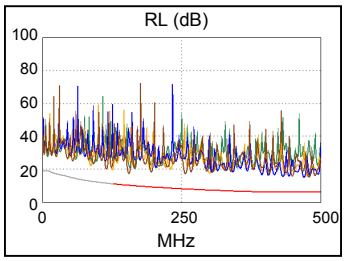



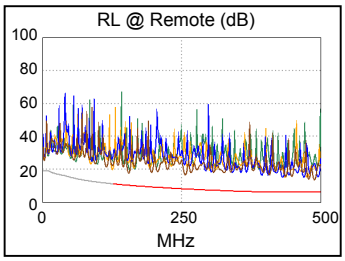



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-22

Date / Time: 12/26/2018 04:48:53 PM
**Headroom 7.3 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 42.0 |
| Frequency (MHz) | [Pair 45] | 498.0 |
| Limit (dB) | [Pair 45] | 49.2 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 7.7 | 7.3 | 7.7 | 7.3 |
| Freq. (MHz) | 484.0 | 484.0 | 484.0 | 484.0 |
| Limit (dB) | 26.5 | 26.5 | 26.5 | 26.5 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 9.4 | 7.6 | 9.5 | 7.6 |
| Freq. (MHz) | 466.0 | 488.0 | 485.0 | 488.0 |
| Limit (dB) | 24.0 | 23.5 | 23.6 | 23.5 |

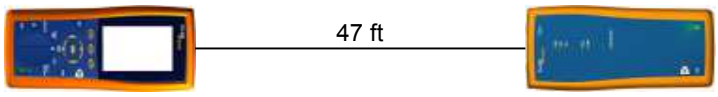
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 14.1 | 14.0 | 14.1 | 14.0 |
| Freq. (MHz) | 404.0 | 404.0 | 404.0 | 404.0 |
| Limit (dB) | 11.1 | 11.1 | 11.1 | 11.1 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 15.5 | 16.2 | 15.5 | 16.2 |
| Freq. (MHz) | 405.0 | 404.0 | 405.0 | 404.0 |
| Limit (dB) | 8.1 | 8.1 | 8.1 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.3 | 18.5 | 49.3 | 48.9 |
| Freq. (MHz) | 2.5 | 2.8 | 484.0 | 484.0 |
| Limit (dB) | 61.7 | 61.5 | -22.0 | -22.0 |
| Worst Pair | 12 | 12 | 45 | 12 |
| **PS ACR-N (dB)** | 19.3 | 20.1 | 51.9 | 49.9 |
| Freq. (MHz) | 2.5 | 2.5 | 496.0 | 488.0 |
| Limit (dB) | 58.7 | 58.7 | -25.8 | -25.1 |

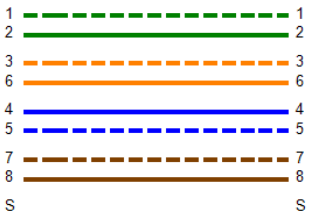
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 9.6 | 8.3 | 9.8 | 8.3 |
| Freq. (MHz) | 125.0 | 406.0 | 489.0 | 406.0 |
| Limit (dB) | 11.0 | 6.0 | 6.0 | 6.0 |

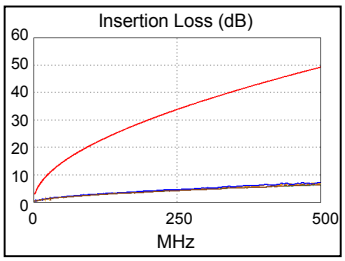
Compliant Network Standards:

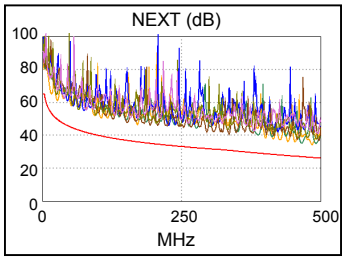
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

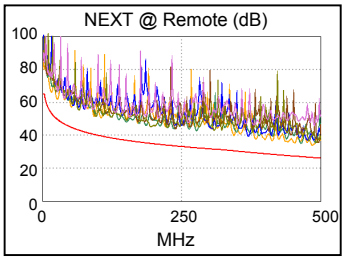


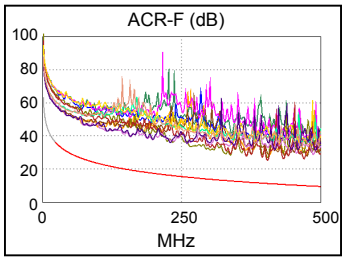

Wire Map (T568A)
**PASS**

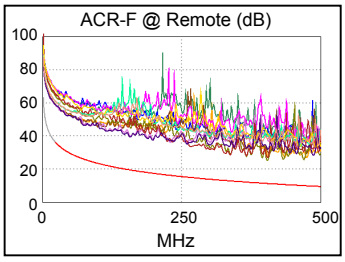


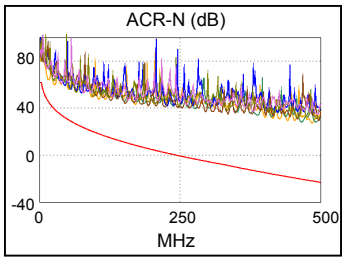



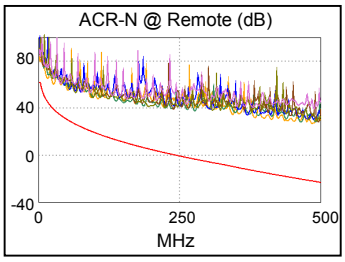



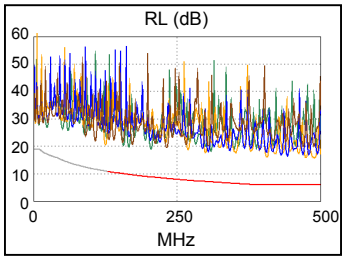



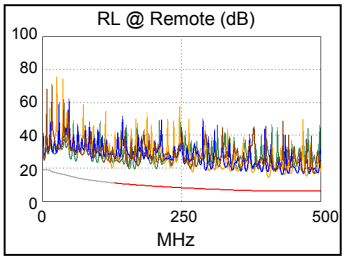



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-23

Date / Time: 12/26/2018 04:49:39 PM
**Headroom 5.1 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.9 |
| Frequency (MHz) | [Pair 45] | 497.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.4 | 5.1 | 5.6 | 5.1 |
| Freq. (MHz) | 426.0 | 442.0 | 441.0 | 442.0 |
| Limit (dB) | 28.0 | 27.6 | 27.6 | 27.6 |
| Worst Pair | 12 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 6.6 | 6.0 | 8.1 | 6.0 |
| Freq. (MHz) | 425.0 | 425.0 | 496.0 | 425.0 |
| Limit (dB) | 25.1 | 25.1 | 23.3 | 25.1 |

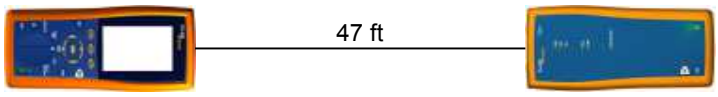
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 36-45 |
| **ACR-F (dB)** | 15.5 | 15.2 | 15.5 | 15.2 |
| Freq. (MHz) | 403.0 | 403.0 | 404.0 | 403.0 |
| Limit (dB) | 11.2 | 11.2 | 11.1 | 11.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 16.9 | 17.4 | 16.9 | 17.4 |
| Freq. (MHz) | 404.0 | 405.0 | 404.0 | 405.0 |
| Limit (dB) | 8.1 | 8.1 | 8.1 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 19.7 | 18.9 | 49.4 | 44.6 |
| Freq. (MHz) | 14.9 | 8.5 | 495.0 | 442.0 |
| Limit (dB) | 45.9 | 51.8 | -22.8 | -18.5 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS ACR-N (dB)** | 20.6 | 20.0 | 50.5 | 45.1 |
| Freq. (MHz) | 14.1 | 8.5 | 496.0 | 425.0 |
| Limit (dB) | 43.8 | 49.2 | -25.8 | -20.0 |

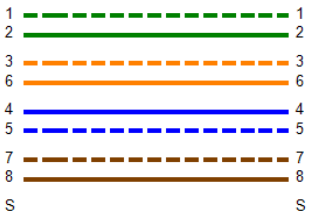
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 45 | 45 |
| **RL (dB)** | 8.6 | 8.7 | 9.5 | 9.1 |
| Freq. (MHz) | 125.0 | 125.0 | 442.0 | 495.0 |
| Limit (dB) | 11.0 | 11.0 | 6.0 | 6.0 |

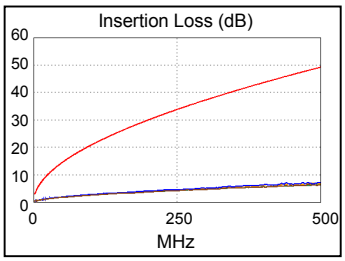
Compliant Network Standards:

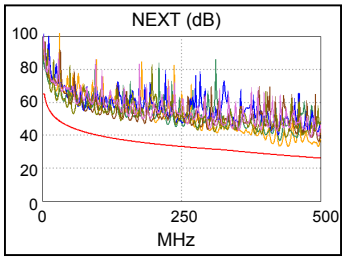
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

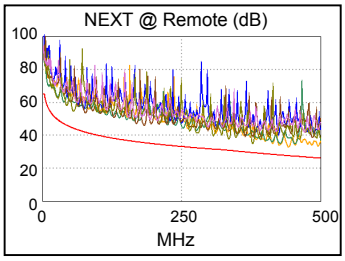


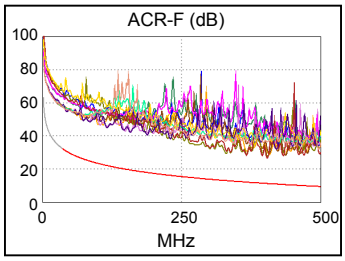

Wire Map (T568A)
**PASS**

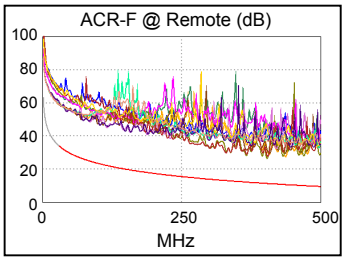


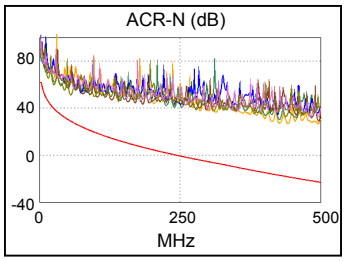



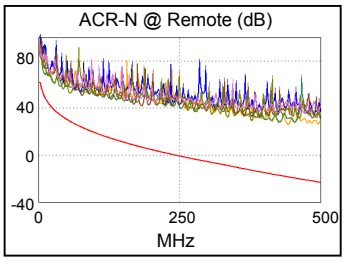



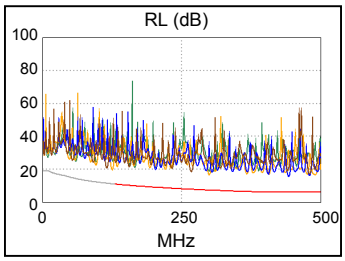



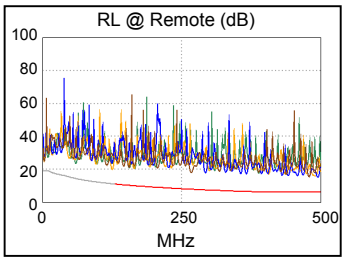



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-03-PT-24

Date / Time: 12/26/2018 04:50:08 PM
**Headroom 5.6 dB (NEXT 36-78)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 47 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 69 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.7 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.8 |
| Frequency (MHz) | [Pair 45] | 498.0 |
| Limit (dB) | [Pair 45] | 49.2 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-78 | 36-78 | 12-45 | 12-36 |
| **NEXT (dB)** | 6.1 | 5.6 | 6.9 | 5.9 |
| Freq. (MHz) | 97.0 | 27.4 | 477.0 | 477.0 |
| Limit (dB) | 40.2 | 49.4 | 26.7 | 26.7 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 7.6 | 6.0 | 7.6 | 6.0 |
| Freq. (MHz) | 477.0 | 478.0 | 478.0 | 478.0 |
| Limit (dB) | 23.8 | 23.7 | 23.7 | 23.7 |

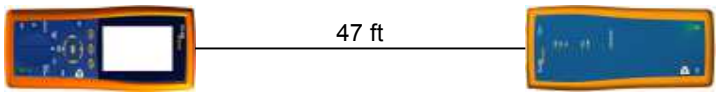
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 45-36 | 12-36 |
| **ACR-F (dB)** | 14.6 | 14.3 | 14.6 | 14.9 |
| Freq. (MHz) | 404.0 | 404.0 | 404.0 | 437.0 |
| Limit (dB) | 11.1 | 11.1 | 11.1 | 10.4 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 15.3 | 16.0 | 15.3 | 16.0 |
| Freq. (MHz) | 405.0 | 405.0 | 405.0 | 405.0 |
| Limit (dB) | 8.1 | 8.1 | 8.1 | 8.1 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-45 | 12-36 |
| **ACR-N (dB)** | 15.3 | 15.0 | 47.8 | 46.9 |
| Freq. (MHz) | 25.8 | 26.5 | 478.0 | 477.0 |
| Limit (dB) | 39.4 | 39.1 | -21.5 | -21.4 |
| Worst Pair | 78 | 78 | 36 | 36 |
| **PS ACR-N (dB)** | 17.1 | 16.7 | 50.0 | 47.5 |
| Freq. (MHz) | 3.3 | 3.3 | 488.0 | 477.0 |
| Limit (dB) | 58.2 | 58.2 | -25.1 | -24.3 |

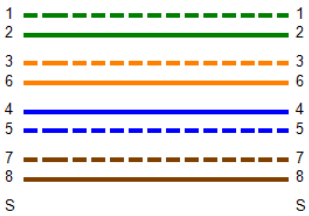
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 45 | 36 | 45 |
| **RL (dB)** | 8.2 | 7.4 | 8.2 | 7.4 |
| Freq. (MHz) | 492.0 | 495.0 | 492.0 | 495.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

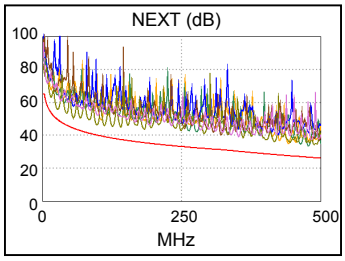


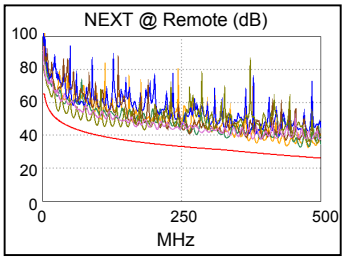

Wire Map (T568A)
**PASS**

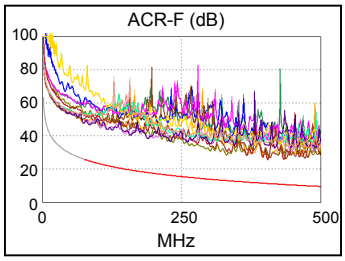


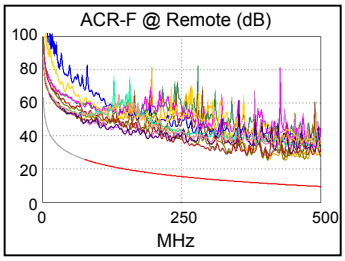


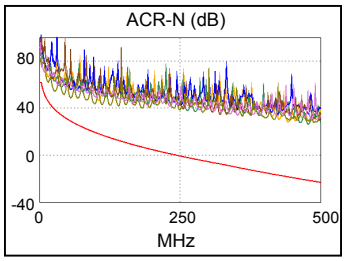


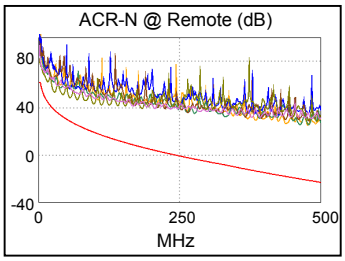


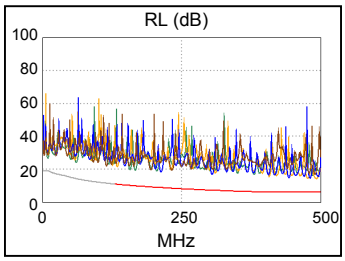



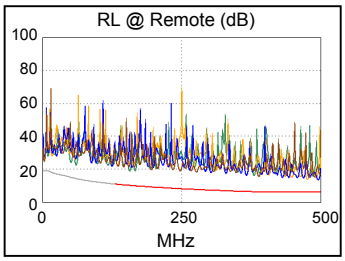



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-01

Date / Time: 12/26/2018 04:50:45 PM
**Headroom 5.5 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.4 |
| Frequency (MHz) | [Pair 45] | 497.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.5 | 6.0 | 5.5 | 6.0 |
| Freq. (MHz) | 481.0 | 470.0 | 481.0 | 470.0 |
| Limit (dB) | 26.6 | 26.8 | 26.6 | 26.8 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 6.5 | 7.6 | 6.5 | 7.8 |
| Freq. (MHz) | 481.0 | 377.0 | 481.0 | 482.0 |
| Limit (dB) | 23.7 | 26.5 | 23.7 | 23.7 |

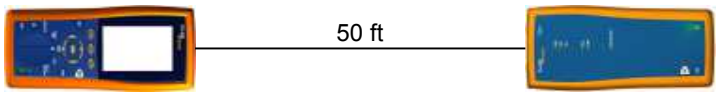
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 36-45 |
| **ACR-F (dB)** | 15.8 | 16.0 | 16.7 | 16.2 |
| Freq. (MHz) | 369.0 | 369.0 | 496.0 | 463.0 |
| Limit (dB) | 11.9 | 11.9 | 9.3 | 9.9 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 17.8 | 16.9 | 18.4 | 17.5 |
| Freq. (MHz) | 369.0 | 369.0 | 464.0 | 497.0 |
| Limit (dB) | 8.9 | 8.9 | 6.9 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.0 | 14.3 | 46.4 | 46.3 |
| Freq. (MHz) | 22.4 | 5.8 | 481.0 | 470.0 |
| Limit (dB) | 41.1 | 55.6 | -21.7 | -20.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 18.3 | 14.1 | 47.4 | 47.9 |
| Freq. (MHz) | 3.3 | 5.4 | 481.0 | 469.0 |
| Limit (dB) | 58.2 | 53.7 | -24.6 | -23.6 |

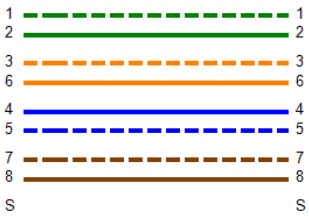
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 7.7 | 7.3 | 7.7 | 7.3 |
| Freq. (MHz) | 479.0 | 452.0 | 479.0 | 452.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

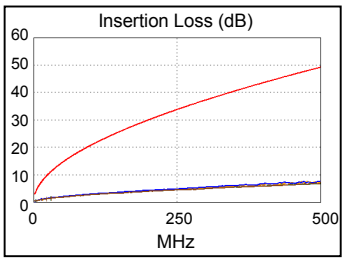
Compliant Network Standards:

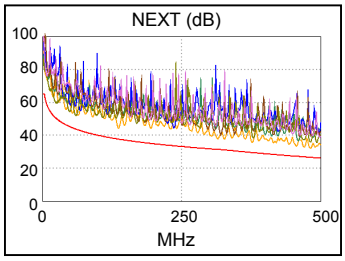
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

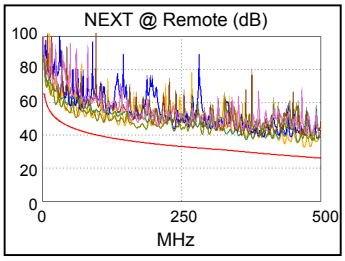


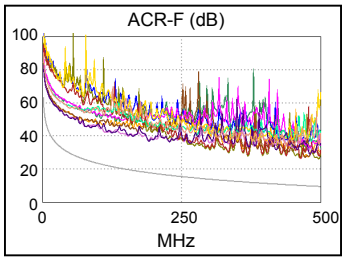

Wire Map (T568A)
**PASS**

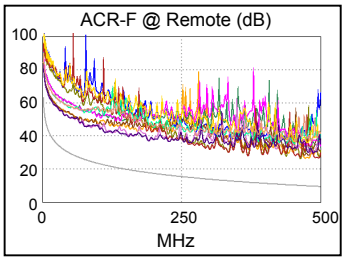


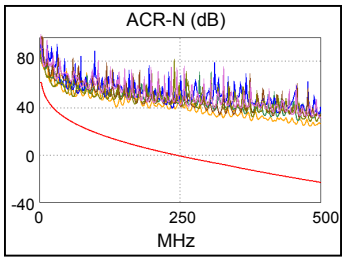



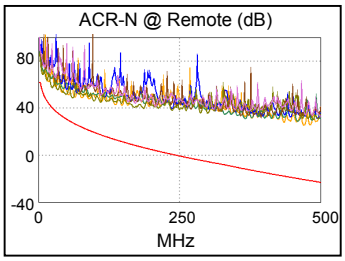



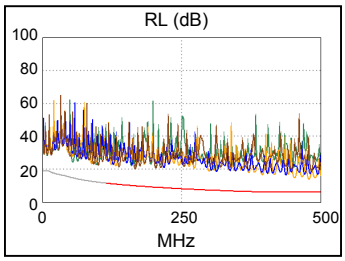



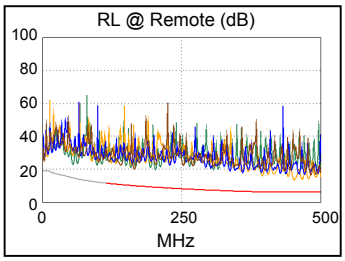



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-02

Date / Time: 12/26/2018 04:51:44 PM
**Headroom 3.1 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.6 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-78 | 12-36 | 36-78 | 12-36 |
| **NEXT (dB)** | 6.3 | 3.1 | 6.3 | 3.1 |
| Freq. (MHz) | 478.0 | 475.0 | 478.0 | 475.0 |
| Limit (dB) | 26.6 | 26.7 | 26.6 | 26.7 |
| Worst Pair | 12 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 7.8 | 4.9 | 7.9 | 4.9 |
| Freq. (MHz) | 417.0 | 475.0 | 478.0 | 475.0 |
| Limit (dB) | 25.3 | 23.8 | 23.7 | 23.8 |

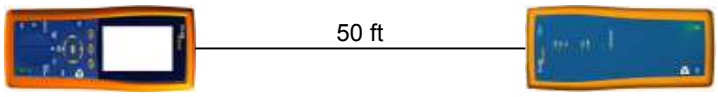
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 45-36 |
| **ACR-F (dB)** | 16.4 | 16.2 | 16.7 | 17.1 |
| Freq. (MHz) | 337.0 | 398.0 | 500.0 | 500.0 |
| Limit (dB) | 12.7 | 11.3 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.6 | 17.2 | 18.9 | 17.9 |
| Freq. (MHz) | 363.0 | 363.0 | 500.0 | 500.0 |
| Limit (dB) | 9.1 | 9.1 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-45 | 36-78 | 12-36 |
| **ACR-N (dB)** | 16.5 | 18.4 | 47.6 | 43.8 |
| Freq. (MHz) | 13.1 | 12.0 | 478.0 | 475.0 |
| Limit (dB) | 47.2 | 48.2 | -21.5 | -21.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 17.5 | 18.6 | 48.9 | 45.6 |
| Freq. (MHz) | 12.6 | 12.5 | 478.0 | 474.0 |
| Limit (dB) | 45.0 | 45.1 | -24.4 | -24.0 |

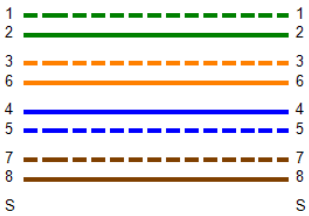
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 12 | 36 | 36 |
| **RL (dB)** | 8.8 | 8.6 | 8.8 | 9.3 |
| Freq. (MHz) | 438.0 | 204.0 | 438.0 | 437.0 |
| Limit (dB) | 6.0 | 8.9 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

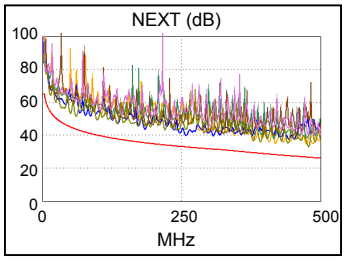


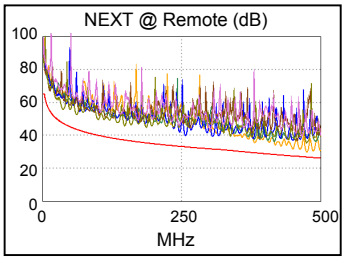

Wire Map (T568A)
**PASS**

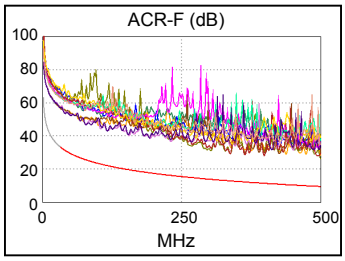


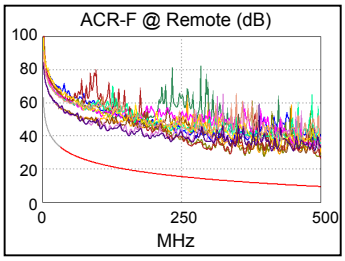


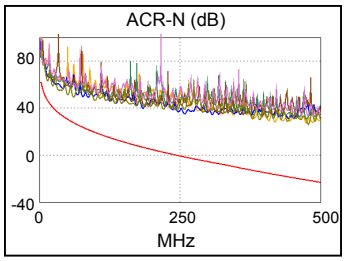


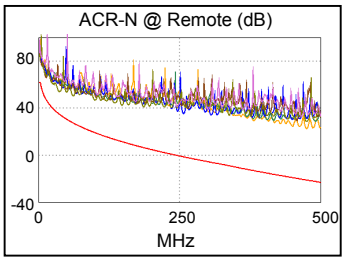


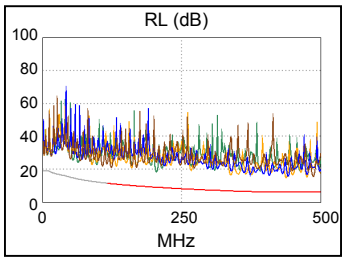



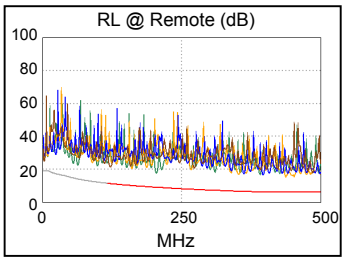



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-03

Date / Time: 12/26/2018 04:52:29 PM
**Headroom 6.6 dB (NEXT 36-45)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.0 |
| Frequency (MHz) | [Pair 45] | 470.0 |
| Limit (dB) | [Pair 45] | 47.7 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 36-78 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.6 | 7.1 | 7.1 | 7.4 |
| Freq. (MHz) | 298.0 | 59.8 | 483.0 | 494.0 |
| Limit (dB) | 31.8 | 43.7 | 26.5 | 26.2 |
| Worst Pair | 45 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 7.9 | 8.4 | 8.5 | 8.6 |
| Freq. (MHz) | 322.0 | 377.0 | 482.0 | 492.0 |
| Limit (dB) | 28.2 | 26.5 | 23.7 | 23.4 |

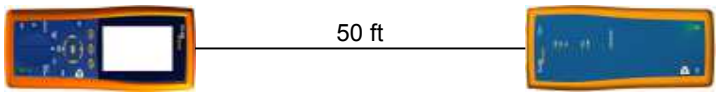
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 36-45 | 36-45 |
| **ACR-F (dB)** | 16.6 | 16.2 | 17.6 | 17.9 |
| Freq. (MHz) | 368.0 | 368.0 | 497.0 | 500.0 |
| Limit (dB) | 11.9 | 11.9 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 18.0 | 17.9 | 19.0 | 17.9 |
| Freq. (MHz) | 368.0 | 498.0 | 500.0 | 498.0 |
| Limit (dB) | 8.9 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 16.1 | 16.5 | 48.3 | 48.9 |
| Freq. (MHz) | 2.5 | 3.0 | 483.0 | 494.0 |
| Limit (dB) | 61.7 | 61.4 | -21.9 | -22.7 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 17.3 | 16.1 | 49.7 | 50.4 |
| Freq. (MHz) | 3.0 | 5.4 | 482.0 | 492.0 |
| Limit (dB) | 58.4 | 53.7 | -24.7 | -25.5 |

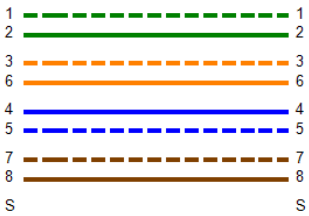
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 78 | 78 | 36 | 78 |
| **RL (dB)** | 9.4 | 9.6 | 10.1 | 9.6 |
| Freq. (MHz) | 122.0 | 472.0 | 479.0 | 472.0 |
| Limit (dB) | 11.1 | 6.0 | 6.0 | 6.0 |

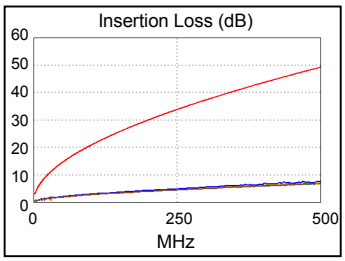
Compliant Network Standards:

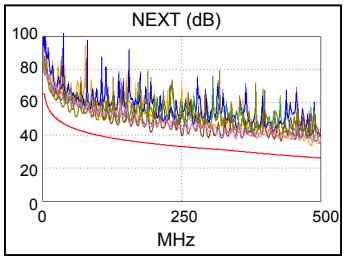
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

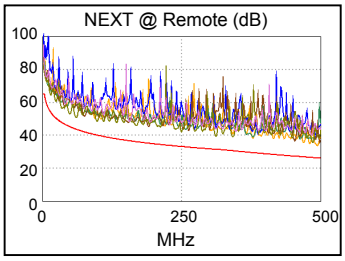


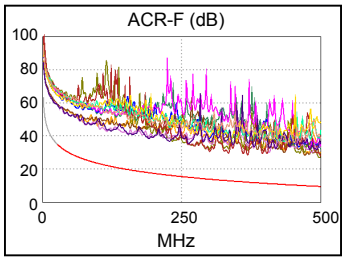

Wire Map (T568A)
**PASS**

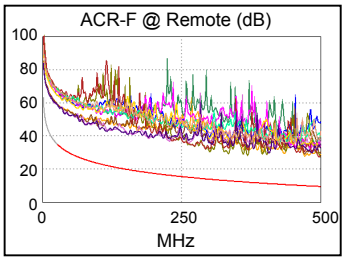


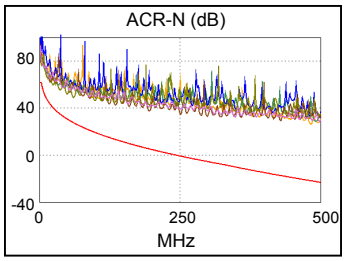



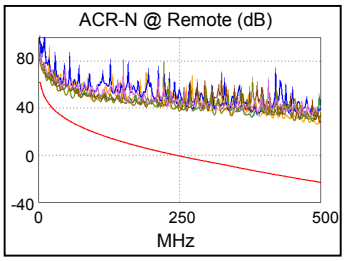



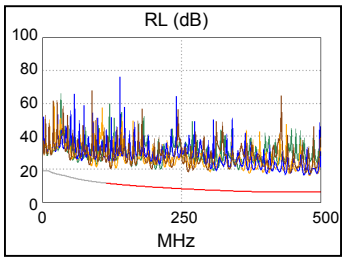



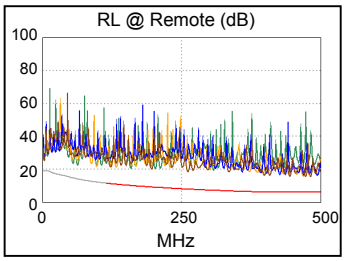



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-04

Date / Time: 12/26/2018 04:53:06 PM
**Headroom 6.7 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 39.9 |
| Frequency (MHz) | [Pair 45] | 470.0 |
| Limit (dB) | [Pair 45] | 47.7 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 7.3 | 6.7 | 7.4 | 6.7 |
| Freq. (MHz) | 307.0 | 470.0 | 483.0 | 483.0 |
| Limit (dB) | 31.6 | 26.8 | 26.5 | 26.5 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 8.8 | 7.9 | 8.8 | 8.1 |
| Freq. (MHz) | 483.0 | 457.0 | 483.0 | 492.0 |
| Limit (dB) | 23.6 | 24.3 | 23.6 | 23.4 |

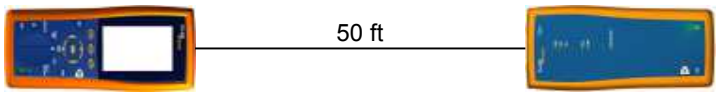
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 14.4 | 15.0 | 14.4 | 15.0 |
| Freq. (MHz) | 499.0 | 498.0 | 499.0 | 498.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 16.8 | 16.4 | 16.8 | 16.4 |
| Freq. (MHz) | 497.0 | 499.0 | 497.0 | 499.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-78 | 12-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 16.0 | 15.7 | 48.7 | 48.7 |
| Freq. (MHz) | 5.8 | 5.0 | 483.0 | 494.0 |
| Limit (dB) | 55.6 | 56.9 | -21.9 | -22.7 |
| Worst Pair | 12 | 12 | 36 | 12 |
| **PS ACR-N (dB)** | 17.6 | 16.4 | 50.1 | 50.3 |
| Freq. (MHz) | 3.8 | 6.6 | 482.0 | 494.0 |
| Limit (dB) | 57.0 | 51.7 | -24.7 | -25.6 |

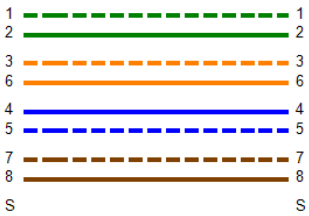
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 9.2 | 9.8 | 9.2 | 9.8 |
| Freq. (MHz) | 470.0 | 426.0 | 470.0 | 426.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

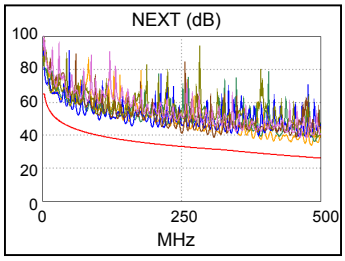


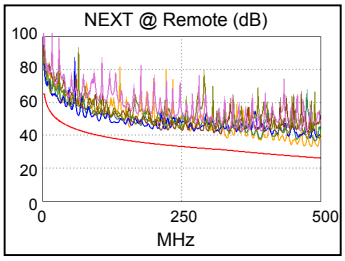

Wire Map (T568A)
**PASS**

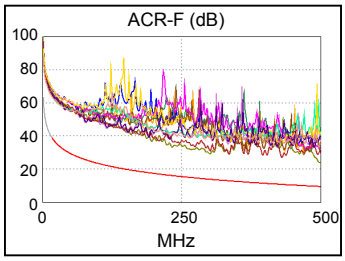


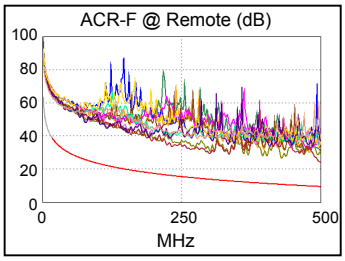


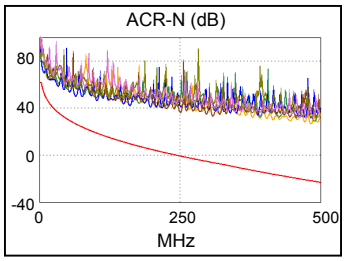


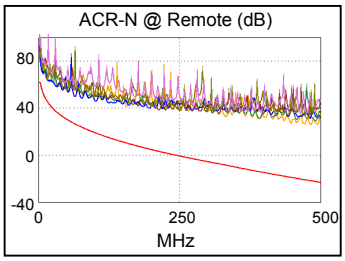


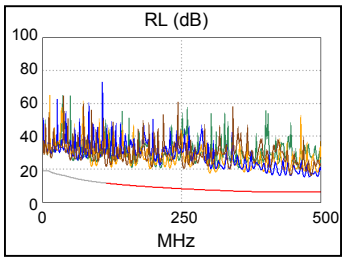



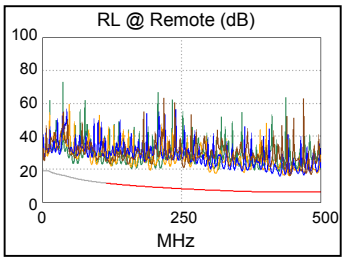



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-05

Date / Time: 12/26/2018 04:53:35 PM
**Headroom 3.7 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 5 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.6 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 12-36 | 36-45 | 12-36 |
| **NEXT (dB)** | 5.6 | 3.7 | 5.6 | 3.8 |
| Freq. (MHz) | 491.0 | 434.0 | 491.0 | 481.0 |
| Limit (dB) | 26.3 | 27.8 | 26.3 | 26.6 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 7.7 | 5.8 | 8.0 | 5.8 |
| Freq. (MHz) | 365.0 | 482.0 | 491.0 | 482.0 |
| Limit (dB) | 26.8 | 23.7 | 23.4 | 23.7 |

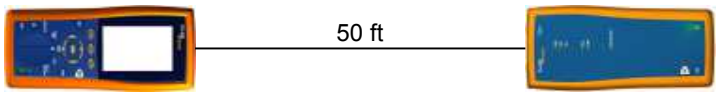
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 15.3 | 15.8 | 15.3 | 15.8 |
| Freq. (MHz) | 497.0 | 497.0 | 497.0 | 497.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.9 | 17.3 | 18.0 | 17.3 |
| Freq. (MHz) | 368.0 | 496.0 | 496.0 | 496.0 |
| Limit (dB) | 8.9 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 12-36 |
| **ACR-N (dB)** | 15.6 | 16.6 | 47.0 | 44.8 |
| Freq. (MHz) | 12.1 | 10.4 | 491.0 | 481.0 |
| Limit (dB) | 48.1 | 49.7 | -22.5 | -21.7 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 17.2 | 18.6 | 49.5 | 46.9 |
| Freq. (MHz) | 12.3 | 7.9 | 491.0 | 482.0 |
| Limit (dB) | 45.4 | 50.0 | -25.4 | -24.7 |

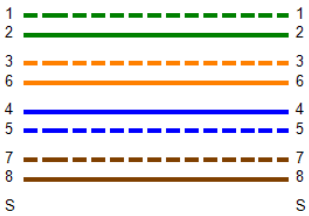
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 8.3 | 8.8 | 8.3 | 8.8 |
| Freq. (MHz) | 442.0 | 442.0 | 442.0 | 442.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

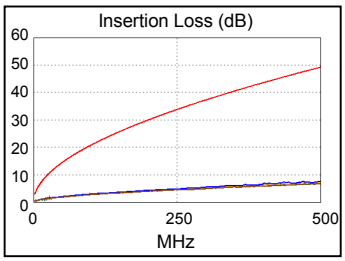
Compliant Network Standards:

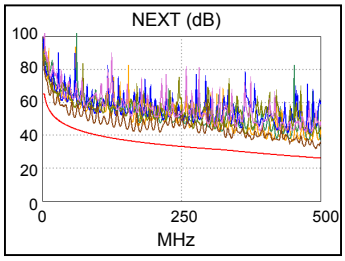
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

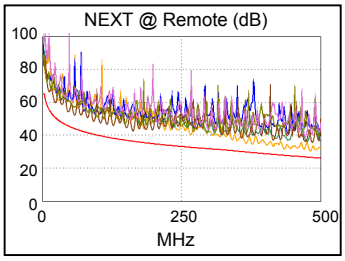


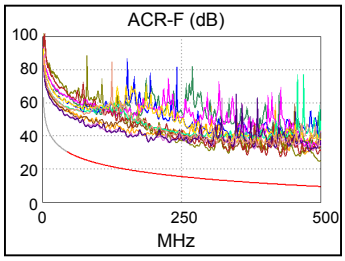

Wire Map (T568A)
**PASS**

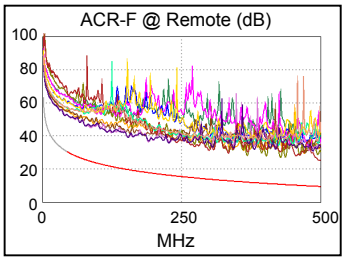


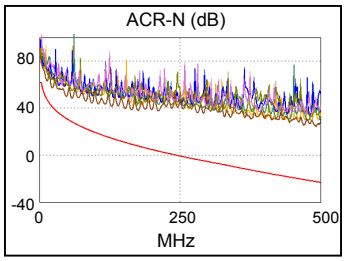



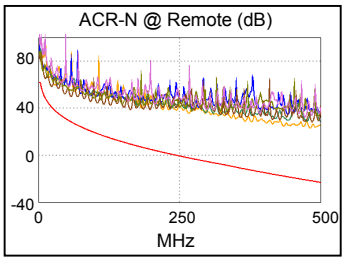



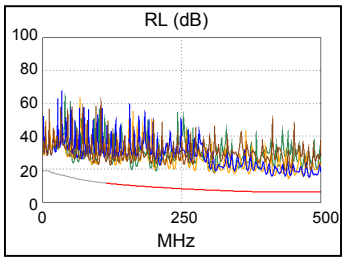



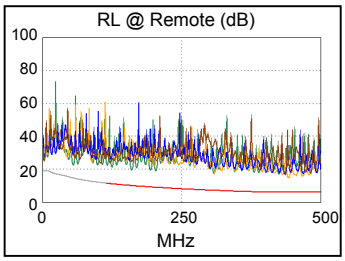



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-06

Date / Time: 12/26/2018 04:54:04 PM
**Headroom 5.4 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.4 |
| Frequency (MHz) | [Pair 45] | 499.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 12-36 | 36-45 | 12-36 |
| **NEXT (dB)** | 5.9 | 5.4 | 6.9 | 5.4 |
| Freq. (MHz) | 92.8 | 483.0 | 483.0 | 483.0 |
| Limit (dB) | 40.5 | 26.5 | 26.5 | 26.5 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 6.8 | 7.1 | 6.8 | 7.2 |
| Freq. (MHz) | 473.0 | 472.0 | 473.0 | 484.0 |
| Limit (dB) | 23.9 | 23.9 | 23.9 | 23.6 |

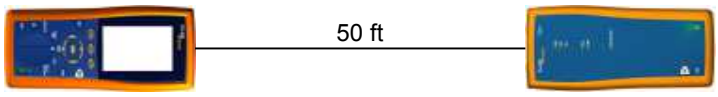
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 12.7 | 13.5 | 12.7 | 13.5 |
| Freq. (MHz) | 498.0 | 497.0 | 498.0 | 497.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 15.4 | 14.9 | 15.4 | 14.9 |
| Freq. (MHz) | 498.0 | 499.0 | 498.0 | 499.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 12-36 |
| **ACR-N (dB)** | 15.4 | 17.2 | 48.4 | 46.5 |
| Freq. (MHz) | 12.1 | 11.0 | 490.0 | 483.0 |
| Limit (dB) | 48.1 | 49.1 | -22.4 | -21.9 |
| Worst Pair | 36 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 16.7 | 17.8 | 47.7 | 48.3 |
| Freq. (MHz) | 12.4 | 11.3 | 473.0 | 484.0 |
| Limit (dB) | 45.3 | 46.3 | -24.0 | -24.8 |

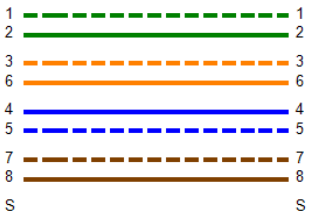
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 36 | 45 | 36 |
| **RL (dB)** | 8.4 | 9.9 | 8.4 | 9.9 |
| Freq. (MHz) | 481.0 | 481.0 | 481.0 | 481.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

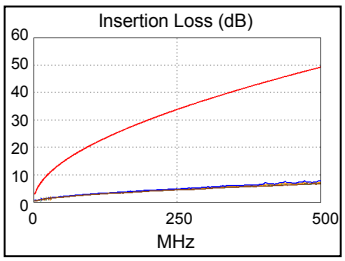
Compliant Network Standards:

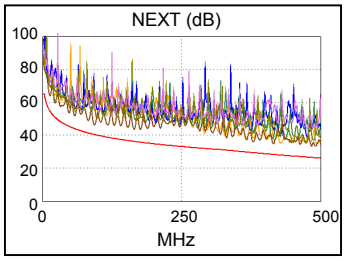
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

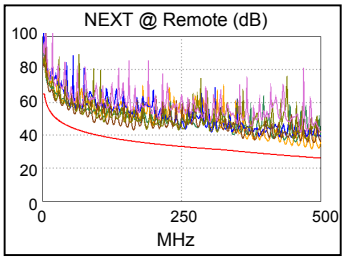


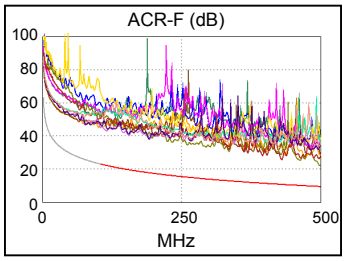

Wire Map (T568A)
**PASS**

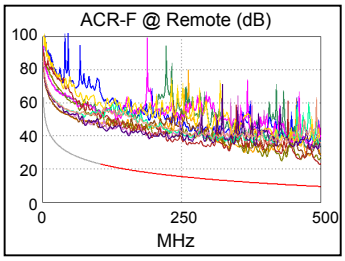


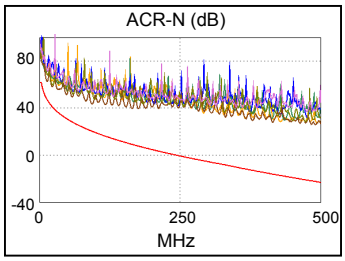



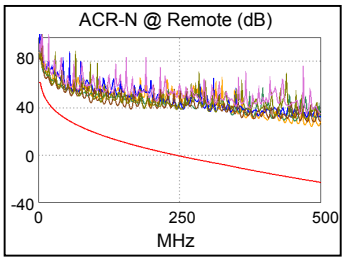



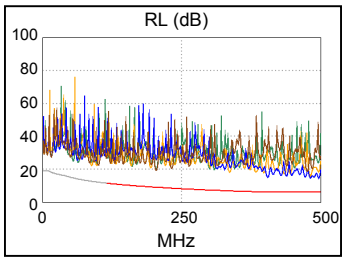



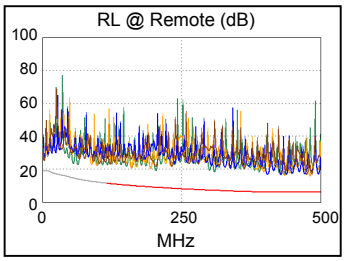




LinkWare™ PC Version 10.0

Project: TCE-GO-TERREO
Untitled1

Site: TCE-GO

FLUKE networks

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-07

Date / Time: 12/26/2018 04:54:37 PM
**Headroom 4.4 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 75 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.4 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 45-78 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 7.7 | 4.4 | 8.1 | 4.4 |
| Freq. (MHz) | 321.0 | 480.0 | 493.0 | 480.0 |
| Limit (dB) | 31.2 | 26.6 | 26.3 | 26.6 |
| Worst Pair | 45 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.1 | 6.1 | 9.4 | 6.1 |
| Freq. (MHz) | 320.0 | 480.0 | 481.0 | 480.0 |
| Limit (dB) | 28.3 | 23.7 | 23.7 | 23.7 |

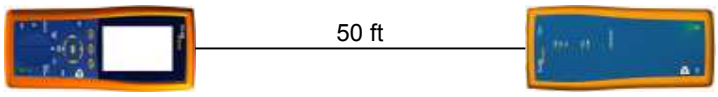
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 15.3 | 16.0 | 15.3 | 16.0 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.5 | 17.1 | 17.6 | 17.1 |
| Freq. (MHz) | 334.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 9.8 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.3 | 17.7 | 48.9 | 45.4 |
| Freq. (MHz) | 13.0 | 12.9 | 480.0 | 480.0 |
| Limit (dB) | 47.3 | 47.4 | -21.6 | -21.6 |
| Worst Pair | 78 | 78 | 36 | 12 |
| **PS ACR-N (dB)** | 18.6 | 18.7 | 50.5 | 47.7 |
| Freq. (MHz) | 14.0 | 12.9 | 481.0 | 480.0 |
| Limit (dB) | 43.9 | 44.8 | -24.6 | -24.5 |

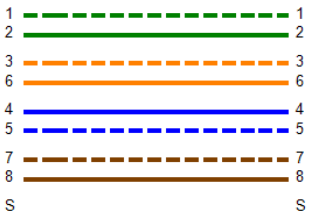
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 8.2 | 9.1 | 8.2 | 9.1 |
| Freq. (MHz) | 478.0 | 434.0 | 478.0 | 434.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

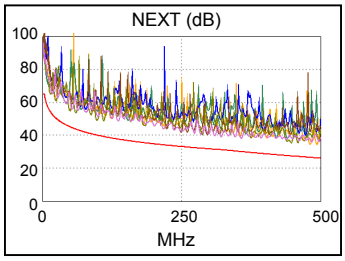


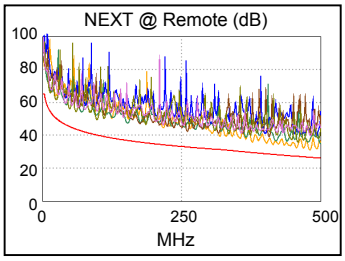

Wire Map (T568A)
**PASS**

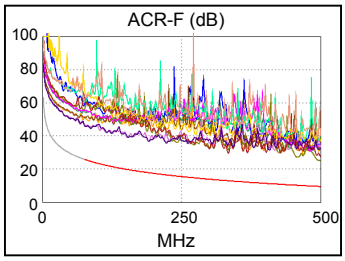


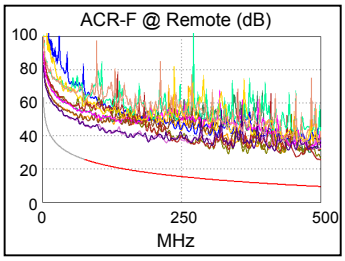


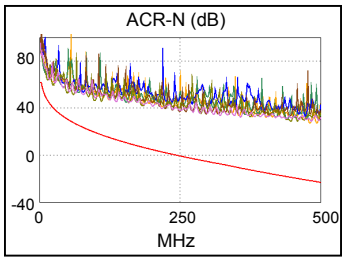


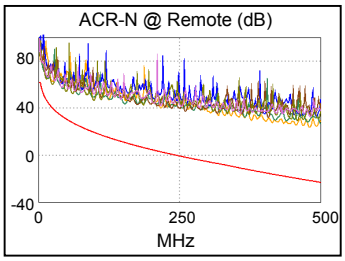


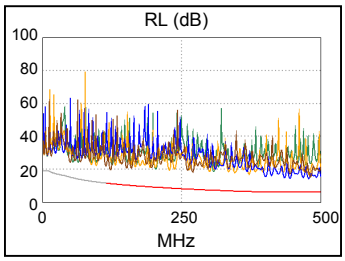



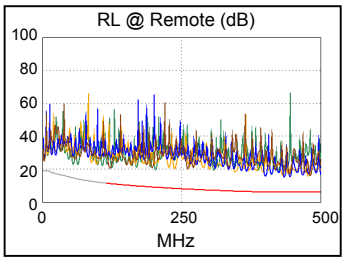



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-08

Date / Time: 12/26/2018 04:55:07 PM
**Headroom 2.7 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.4 |
| Frequency (MHz) | [Pair 45] | 498.0 |
| Limit (dB) | [Pair 45] | 49.2 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.3 | 2.7 | 7.3 | 2.7 |
| Freq. (MHz) | 415.0 | 483.0 | 483.0 | 483.0 |
| Limit (dB) | 28.3 | 26.5 | 26.5 | 26.5 |
| Worst Pair | 36 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 8.4 | 5.0 | 8.6 | 5.0 |
| Freq. (MHz) | 415.0 | 482.0 | 482.0 | 483.0 |
| Limit (dB) | 25.4 | 23.7 | 23.7 | 23.6 |

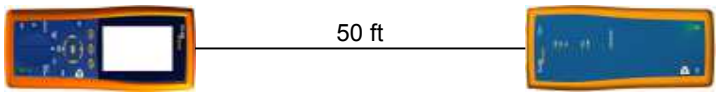
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 14.8 | 15.5 | 14.8 | 15.5 |
| Freq. (MHz) | 498.0 | 498.0 | 498.0 | 498.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 16.7 | 16.9 | 16.7 | 16.9 |
| Freq. (MHz) | 498.0 | 498.0 | 498.0 | 498.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.7 | 17.5 | 48.5 | 43.9 |
| Freq. (MHz) | 11.8 | 6.1 | 483.0 | 483.0 |
| Limit (dB) | 48.4 | 55.0 | -21.9 | -21.9 |
| Worst Pair | 45 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 19.1 | 18.9 | 50.1 | 46.5 |
| Freq. (MHz) | 12.4 | 6.6 | 482.0 | 483.0 |
| Limit (dB) | 45.3 | 51.7 | -24.7 | -24.8 |

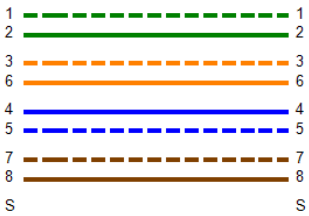
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 12 | 45 | 12 |
| **RL (dB)** | 7.8 | 8.9 | 7.8 | 8.9 |
| Freq. (MHz) | 437.0 | 160.0 | 437.0 | 433.0 |
| Limit (dB) | 6.0 | 10.0 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

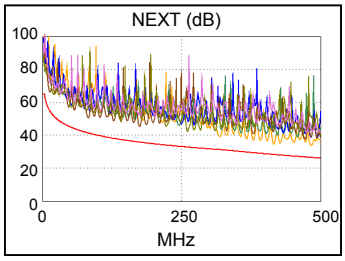


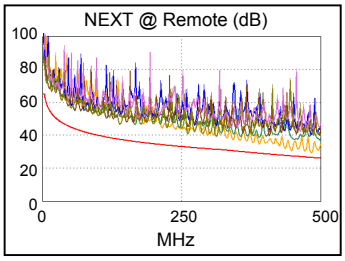

Wire Map (T568A)
**PASS**

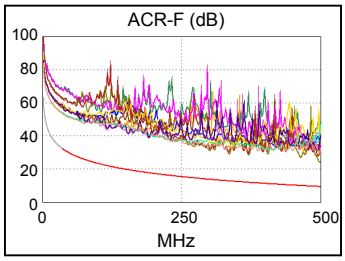


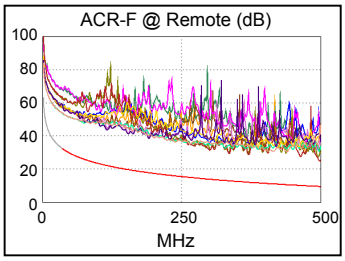


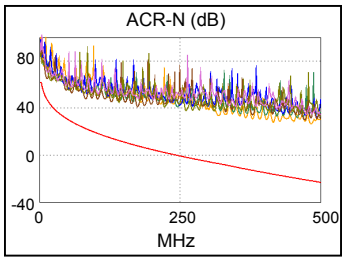


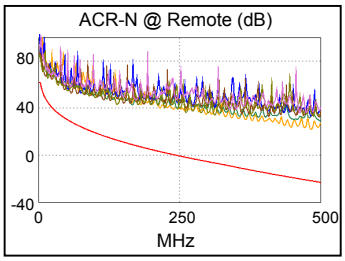


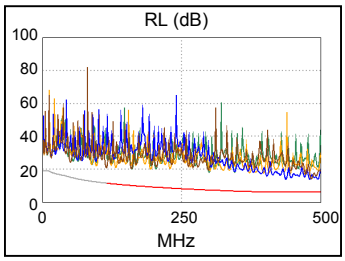



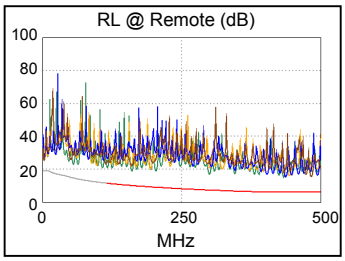



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-09

Date / Time: 12/26/2018 04:55:37 PM
**Headroom 6.0 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.7 |
| Frequency (MHz) | [Pair 45] | 499.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.7 | 6.0 | 6.7 | 6.0 |
| Freq. (MHz) | 493.0 | 484.0 | 493.0 | 484.0 |
| Limit (dB) | 26.3 | 26.5 | 26.3 | 26.5 |
| Worst Pair | 78 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 7.5 | 7.6 | 8.2 | 7.6 |
| Freq. (MHz) | 59.5 | 485.0 | 492.0 | 485.0 |
| Limit (dB) | 41.0 | 23.6 | 23.4 | 23.6 |

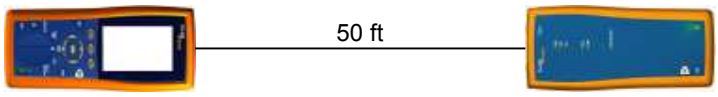
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 36-45 | 12-36 | 45-36 |
| **ACR-F (dB)** | 16.7 | 17.0 | 16.7 | 17.3 |
| Freq. (MHz) | 472.0 | 431.0 | 472.0 | 494.0 |
| Limit (dB) | 9.8 | 10.6 | 9.8 | 9.4 |
| Worst Pair | 36 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.6 | 17.7 | 18.3 | 17.9 |
| Freq. (MHz) | 370.0 | 336.0 | 499.0 | 500.0 |
| Limit (dB) | 8.9 | 9.7 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 12-36 | 12-36 | 12-36 |
| **ACR-N (dB)** | 15.6 | 16.6 | 48.4 | 47.2 |
| Freq. (MHz) | 5.8 | 12.6 | 493.0 | 484.0 |
| Limit (dB) | 55.6 | 47.7 | -22.7 | -22.0 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 15.5 | 15.9 | 49.8 | 48.8 |
| Freq. (MHz) | 12.4 | 12.4 | 493.0 | 485.0 |
| Limit (dB) | 45.3 | 45.3 | -25.5 | -24.9 |

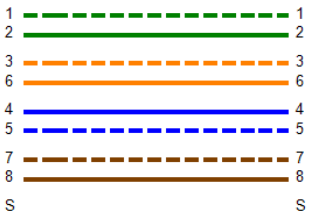
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 12 | 36 | 12 |
| **RL (dB)** | 8.9 | 9.3 | 8.9 | 9.3 |
| Freq. (MHz) | 373.0 | 426.0 | 373.0 | 426.0 |
| Limit (dB) | 6.3 | 6.0 | 6.3 | 6.0 |

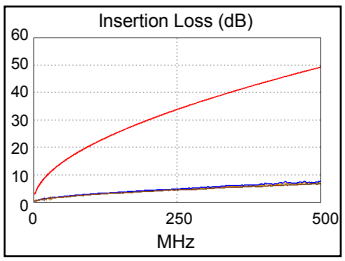
Compliant Network Standards:

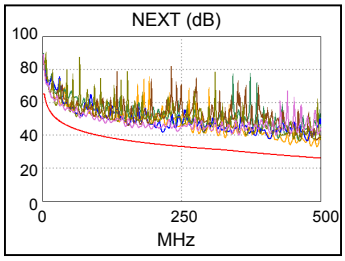
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

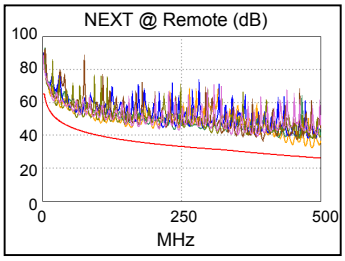


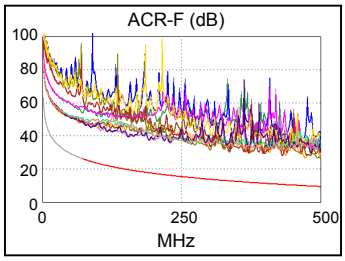

Wire Map (T568A)
**PASS**

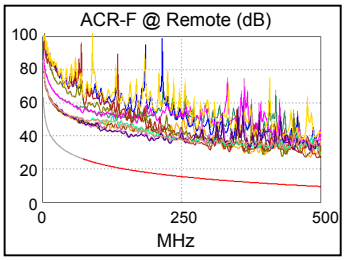


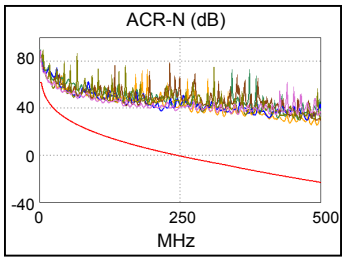



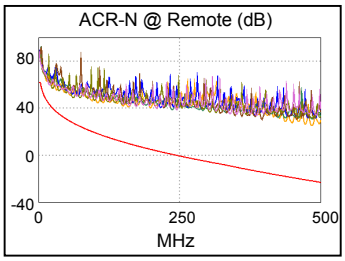



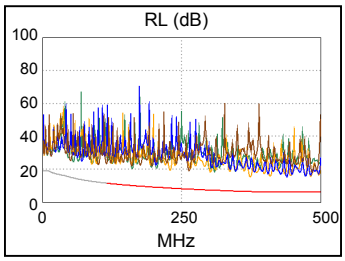



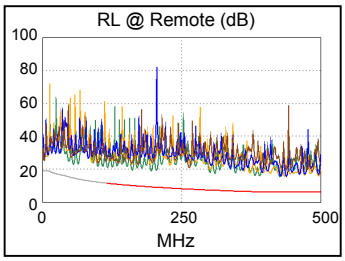



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-10

Date / Time: 12/26/2018 04:56:05 PM
**Headroom 5.6 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 39.9 |
| Frequency (MHz) | [Pair 45] | 471.0 |
| Limit (dB) | [Pair 45] | 47.7 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.9 | 5.6 | 7.9 | 5.6 |
| Freq. (MHz) | 416.0 | 472.0 | 496.0 | 496.0 |
| Limit (dB) | 28.3 | 26.8 | 26.2 | 26.2 |
| Worst Pair | 36 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 9.1 | 6.5 | 9.2 | 6.5 |
| Freq. (MHz) | 463.0 | 484.0 | 497.0 | 484.0 |
| Limit (dB) | 24.1 | 23.6 | 23.3 | 23.6 |

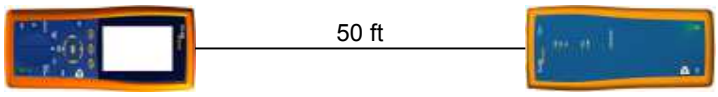
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 36-45 |
| **ACR-F (dB)** | 16.7 | 16.7 | 16.7 | 16.7 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 18.7 | 17.3 | 18.7 | 17.3 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.4 | 18.4 | 49.9 | 47.6 |
| Freq. (MHz) | 22.6 | 22.9 | 496.0 | 496.0 |
| Limit (dB) | 41.0 | 40.9 | -22.9 | -22.9 |
| Worst Pair | 36 | 36 | 12 | 12 |
| **PS ACR-N (dB)** | 18.7 | 18.9 | 51.5 | 48.2 |
| Freq. (MHz) | 12.4 | 22.4 | 497.0 | 484.0 |
| Limit (dB) | 45.3 | 38.5 | -25.8 | -24.8 |

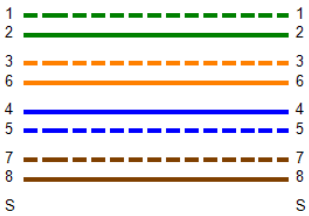
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 8.7 | 8.7 | 8.7 | 8.7 |
| Freq. (MHz) | 447.0 | 436.0 | 447.0 | 436.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

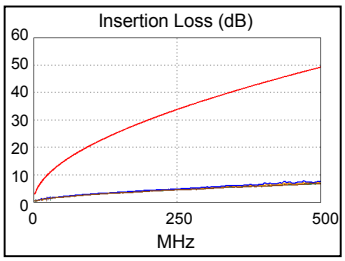
Compliant Network Standards:

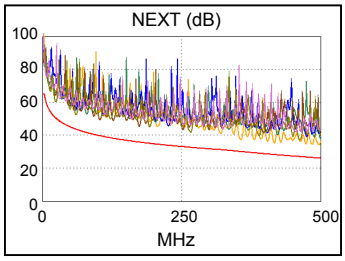
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

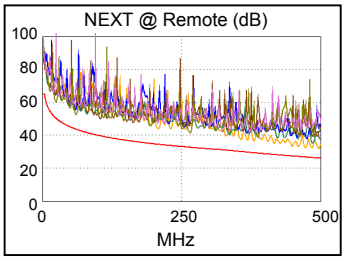


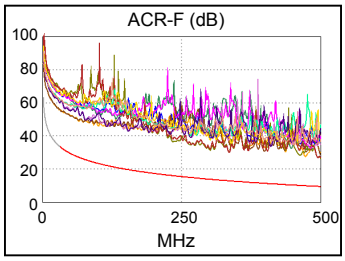

Wire Map (T568A)
**PASS**

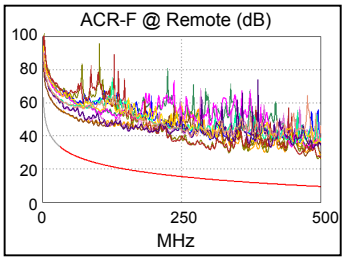


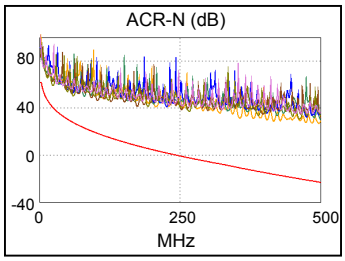



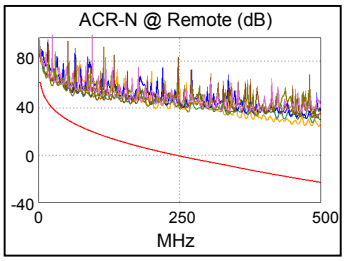



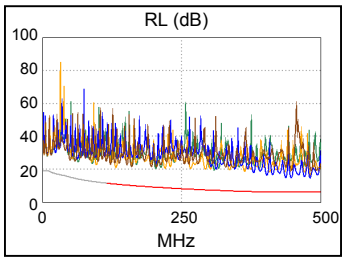



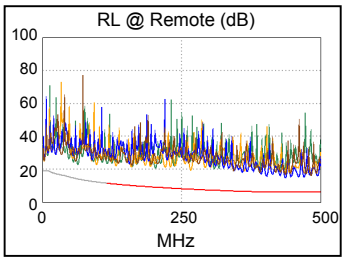



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-11

Date / Time: 12/26/2018 04:56:35 PM
**Headroom 3.8 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.0 |
| Frequency (MHz) | [Pair 45] | 471.0 |
| Limit (dB) | [Pair 45] | 47.7 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.3 | 3.8 | 6.9 | 3.9 |
| Freq. (MHz) | 404.0 | 471.0 | 482.0 | 483.0 |
| Limit (dB) | 28.6 | 26.8 | 26.5 | 26.5 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 8.0 | 5.3 | 8.0 | 5.3 |
| Freq. (MHz) | 482.0 | 472.0 | 482.0 | 472.0 |
| Limit (dB) | 23.7 | 23.9 | 23.7 | 23.9 |

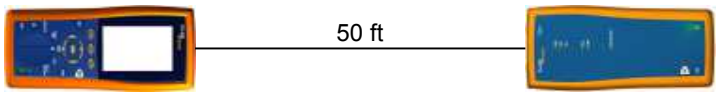
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 15.2 | 15.8 | 15.2 | 15.8 |
| Freq. (MHz) | 498.0 | 498.0 | 498.0 | 498.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.9 | 16.8 | 17.9 | 16.8 |
| Freq. (MHz) | 497.0 | 498.0 | 497.0 | 498.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-45 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.7 | 17.0 | 48.1 | 45.2 |
| Freq. (MHz) | 3.0 | 7.1 | 482.0 | 483.0 |
| Limit (dB) | 61.4 | 53.5 | -21.8 | -21.9 |
| Worst Pair | 45 | 45 | 36 | 12 |
| **PS ACR-N (dB)** | 20.0 | 18.0 | 49.3 | 46.5 |
| Freq. (MHz) | 3.3 | 7.1 | 482.0 | 472.0 |
| Limit (dB) | 58.2 | 50.9 | -24.7 | -23.9 |

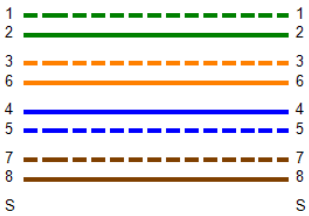
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 8.6 | 9.7 | 8.6 | 9.7 |
| Freq. (MHz) | 479.0 | 436.0 | 479.0 | 436.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

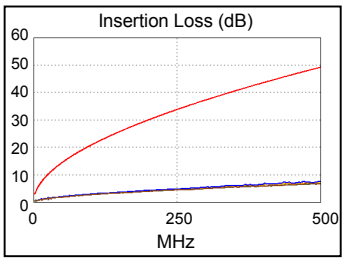
Compliant Network Standards:

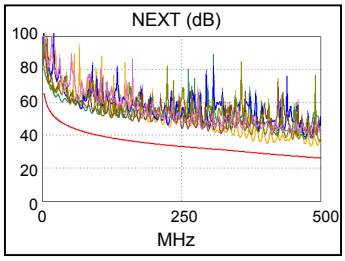
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

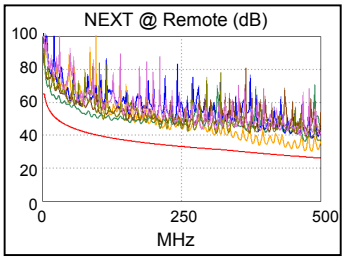


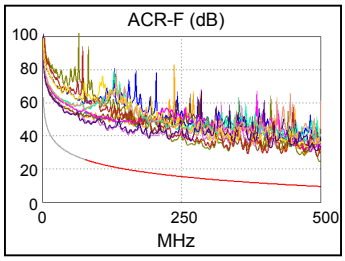

Wire Map (T568A)
**PASS**

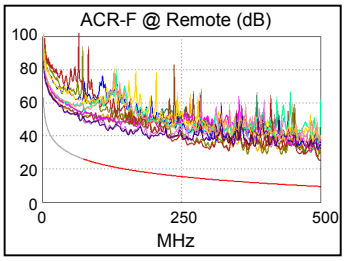


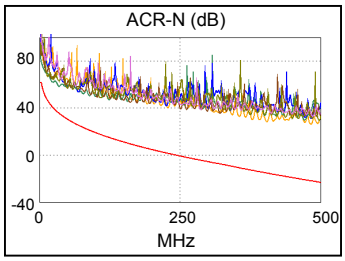



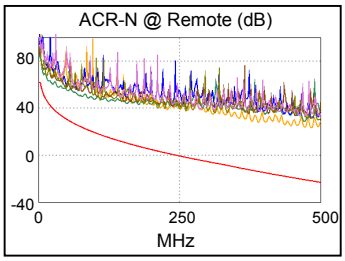



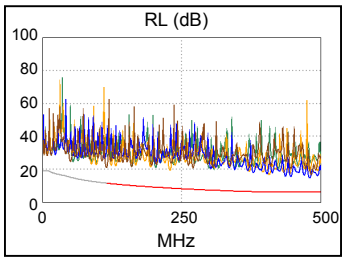



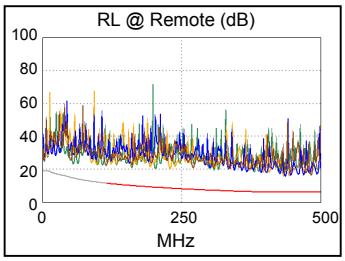



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-12

Date / Time: 12/26/2018 04:57:23 PM
**Headroom 5.2 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.4 |
| Frequency (MHz) | [Pair 45] | 498.0 |
| Limit (dB) | [Pair 45] | 49.2 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.8 | 5.2 | 7.9 | 5.4 |
| Freq. (MHz) | 416.0 | 416.0 | 483.0 | 472.0 |
| Limit (dB) | 28.3 | 28.3 | 26.5 | 26.8 |
| Worst Pair | 45 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 7.0 | 6.7 | 8.2 | 6.9 |
| Freq. (MHz) | 322.0 | 448.0 | 495.0 | 495.0 |
| Limit (dB) | 28.2 | 24.5 | 23.3 | 23.3 |

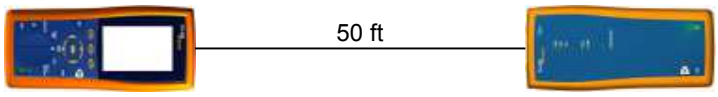
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 45-36 |
| **ACR-F (dB)** | 16.0 | 16.7 | 16.0 | 16.7 |
| Freq. (MHz) | 498.0 | 335.0 | 498.0 | 498.0 |
| Limit (dB) | 9.3 | 12.8 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 18.6 | 17.1 | 18.6 | 17.1 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 16.7 | 17.3 | 49.1 | 46.9 |
| Freq. (MHz) | 22.6 | 22.9 | 483.0 | 483.0 |
| Limit (dB) | 41.0 | 40.9 | -21.9 | -21.9 |
| Worst Pair | 78 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 18.3 | 17.5 | 50.0 | 48.7 |
| Freq. (MHz) | 13.3 | 4.9 | 495.0 | 495.0 |
| Limit (dB) | 44.5 | 54.6 | -25.7 | -25.7 |

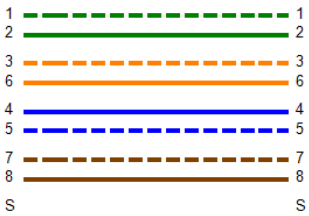
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 45 | 45 |
| **RL (dB)** | 8.1 | 8.8 | 8.1 | 10.8 |
| Freq. (MHz) | 131.5 | 131.5 | 495.0 | 437.0 |
| Limit (dB) | 10.8 | 10.8 | 6.0 | 6.0 |

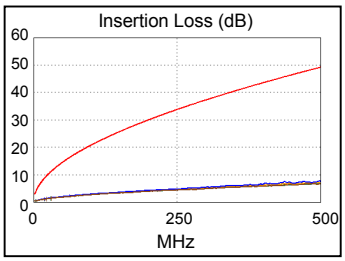
Compliant Network Standards:

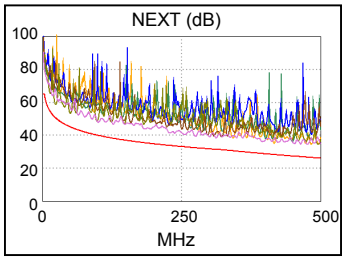
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

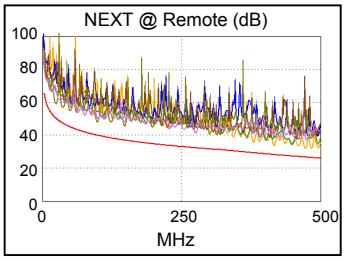


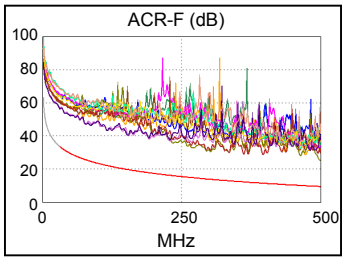

Wire Map (T568A)
**PASS**

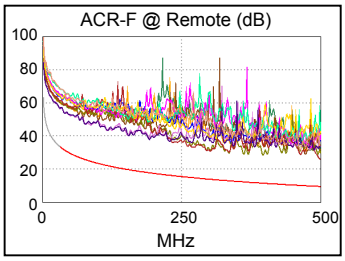


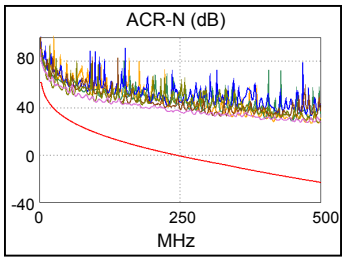



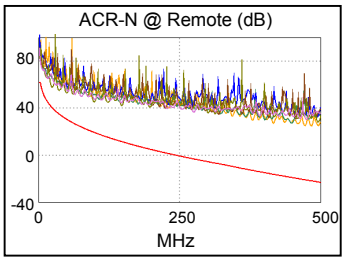



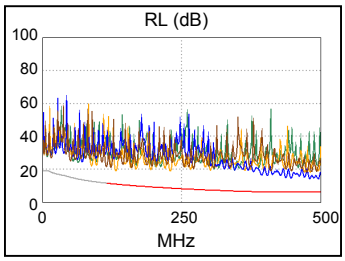



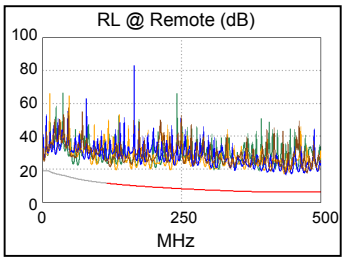



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-13

Date / Time: 12/26/2018 04:57:57 PM
**Headroom 6.3 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.4 |
| Frequency (MHz) | [Pair 45] | 497.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-78 | 12-36 | 36-78 | 12-36 |
| **NEXT (dB)** | 7.9 | 6.3 | 7.9 | 6.3 |
| Freq. (MHz) | 487.0 | 497.0 | 487.0 | 497.0 |
| Limit (dB) | 26.4 | 26.2 | 26.4 | 26.2 |
| Worst Pair | 36 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 8.2 | 7.2 | 8.2 | 8.1 |
| Freq. (MHz) | 484.0 | 436.0 | 484.0 | 497.0 |
| Limit (dB) | 23.6 | 24.8 | 23.6 | 23.3 |

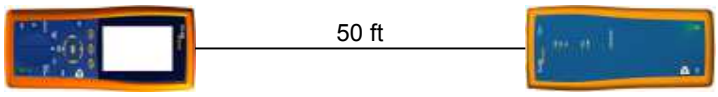
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 15.9 | 16.4 | 15.9 | 16.4 |
| Freq. (MHz) | 499.0 | 301.0 | 499.0 | 499.0 |
| Limit (dB) | 9.3 | 13.7 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 18.1 | 17.1 | 18.1 | 17.1 |
| Freq. (MHz) | 499.0 | 500.0 | 499.0 | 500.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 36-78 | 12-36 |
| **ACR-N (dB)** | 18.1 | 17.7 | 49.7 | 48.3 |
| Freq. (MHz) | 13.0 | 13.1 | 487.0 | 497.0 |
| Limit (dB) | 47.3 | 47.2 | -22.2 | -23.0 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 18.4 | 19.7 | 49.4 | 50.0 |
| Freq. (MHz) | 12.9 | 13.1 | 484.0 | 497.0 |
| Limit (dB) | 44.8 | 44.6 | -24.8 | -25.8 |

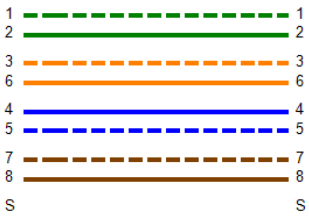
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 45 |
| **RL (dB)** | 8.6 | 9.2 | 8.6 | 9.5 |
| Freq. (MHz) | 302.0 | 302.0 | 302.0 | 428.0 |
| Limit (dB) | 7.2 | 7.2 | 7.2 | 6.0 |

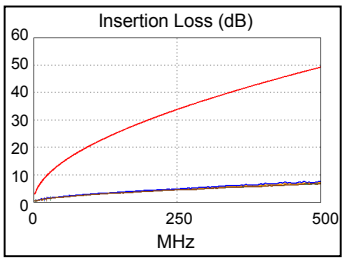
Compliant Network Standards:

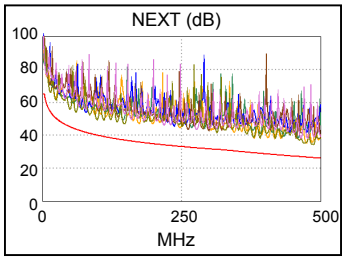
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

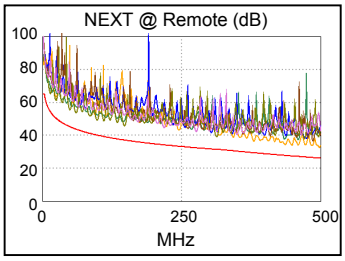


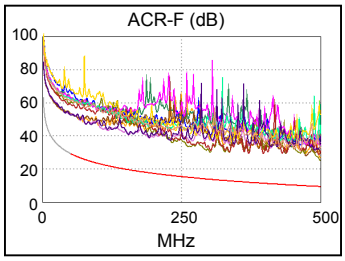

Wire Map (T568A)
**PASS**

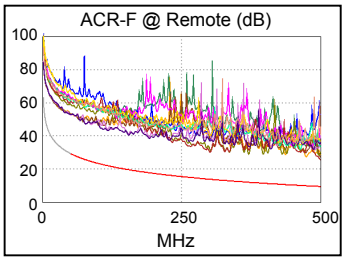


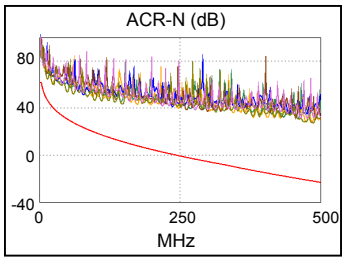



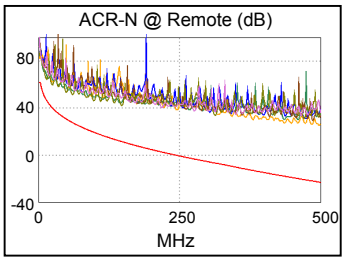



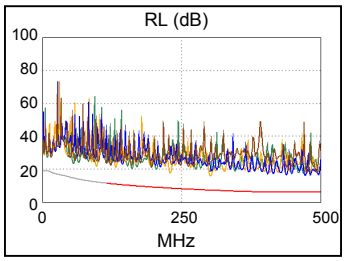



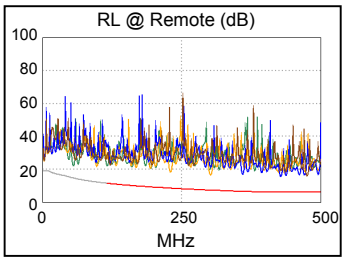



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-04-PT-14

Date / Time: 12/26/2018 04:58:37 PM
**Headroom 4.9 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.7 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 4.9 | 5.2 | 4.9 | 5.4 |
| Freq. (MHz) | 484.0 | 472.0 | 484.0 | 484.0 |
| Limit (dB) | 26.5 | 26.8 | 26.5 | 26.5 |
| Worst Pair | 36 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 6.8 | 6.9 | 7.1 | 6.9 |
| Freq. (MHz) | 473.0 | 448.0 | 484.0 | 484.0 |
| Limit (dB) | 23.9 | 24.5 | 23.6 | 23.6 |

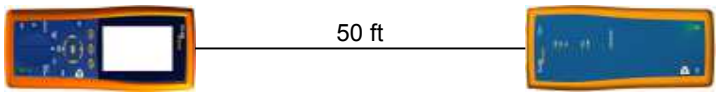
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 45-36 |
| **ACR-F (dB)** | 16.4 | 16.4 | 16.4 | 16.8 |
| Freq. (MHz) | 500.0 | 370.0 | 500.0 | 500.0 |
| Limit (dB) | 9.3 | 11.9 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.3 | 17.2 | 18.4 | 17.2 |
| Freq. (MHz) | 370.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 8.9 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.9 | 17.8 | 46.1 | 46.6 |
| Freq. (MHz) | 13.5 | 12.5 | 484.0 | 484.0 |
| Limit (dB) | 46.9 | 47.8 | -22.0 | -22.0 |
| Worst Pair | 45 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 19.6 | 18.3 | 48.2 | 48.3 |
| Freq. (MHz) | 11.3 | 12.9 | 484.0 | 484.0 |
| Limit (dB) | 46.3 | 44.8 | -24.8 | -24.8 |

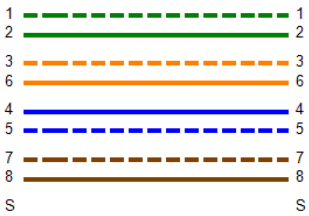
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 45 | 36 | 45 |
| **RL (dB)** | 8.7 | 8.9 | 8.7 | 8.9 |
| Freq. (MHz) | 481.0 | 461.0 | 481.0 | 461.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

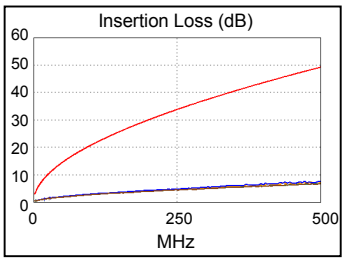
Compliant Network Standards:

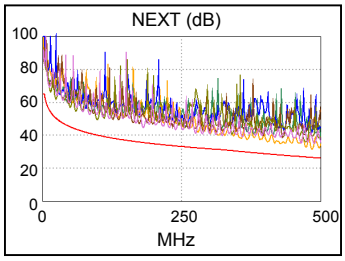
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

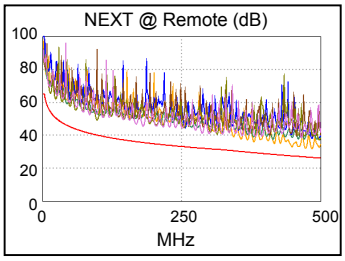


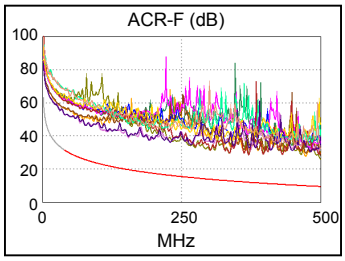

Wire Map (T568A)
**PASS**

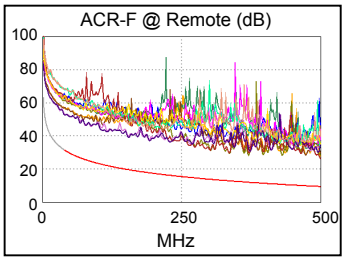


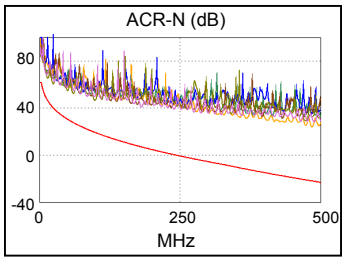



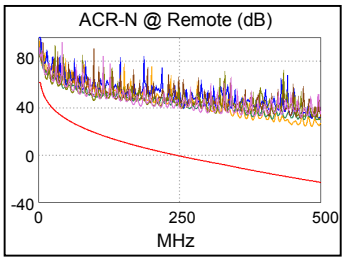



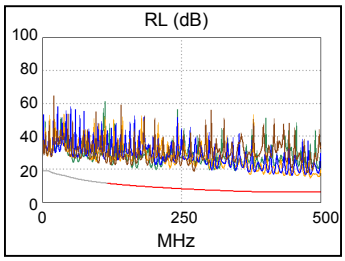



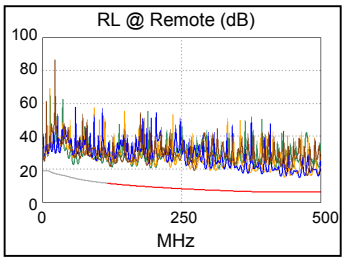



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-04-PT-15

Date / Time: 12/26/2018 04:59:41 PM
**Headroom 4.8 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.8 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 12-36 | 12-45 | 12-36 |
| **NEXT (dB)** | 6.4 | 4.8 | 7.2 | 5.0 |
| Freq. (MHz) | 174.5 | 459.0 | 459.0 | 496.0 |
| Limit (dB) | 35.8 | 27.1 | 27.1 | 26.2 |
| Worst Pair | 36 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 7.9 | 5.8 | 8.7 | 5.8 |
| Freq. (MHz) | 174.5 | 459.0 | 484.0 | 459.0 |
| Limit (dB) | 32.9 | 24.2 | 23.6 | 24.2 |

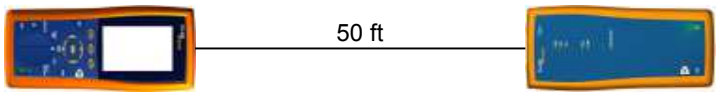
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 14.7 | 15.1 | 14.7 | 15.1 |
| Freq. (MHz) | 498.0 | 498.0 | 498.0 | 498.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.3 | 16.4 | 17.3 | 16.4 |
| Freq. (MHz) | 497.0 | 499.0 | 497.0 | 499.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 12-45 | 12-36 |
| **ACR-N (dB)** | 14.6 | 13.8 | 47.1 | 47.0 |
| Freq. (MHz) | 11.4 | 11.4 | 459.0 | 496.0 |
| Limit (dB) | 48.8 | 48.8 | -19.9 | -22.9 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 16.2 | 15.6 | 51.0 | 48.9 |
| Freq. (MHz) | 12.4 | 11.9 | 497.0 | 496.0 |
| Limit (dB) | 45.3 | 45.7 | -25.8 | -25.8 |

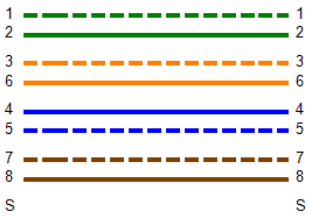
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 45 | 45 |
| **RL (dB)** | 9.7 | 10.4 | 10.4 | 10.7 |
| Freq. (MHz) | 123.5 | 123.5 | 447.0 | 436.0 |
| Limit (dB) | 11.1 | 11.1 | 6.0 | 6.0 |

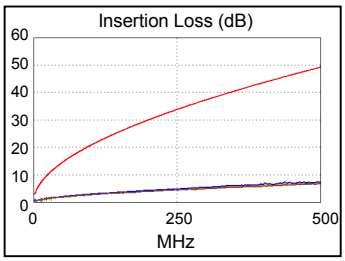
Compliant Network Standards:

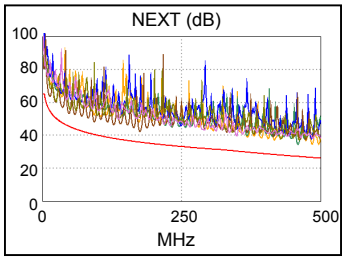
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

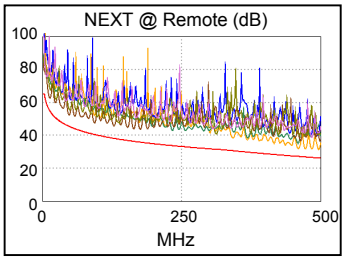


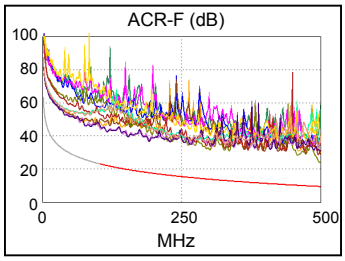

Wire Map (T568A)
**PASS**

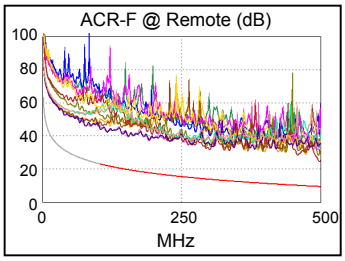


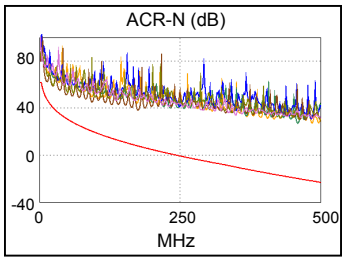



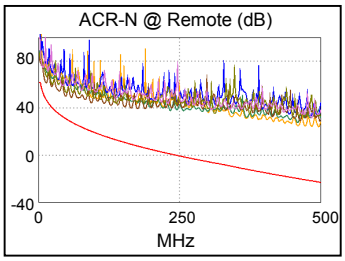



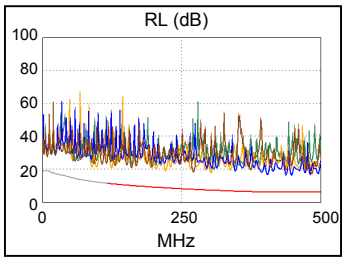



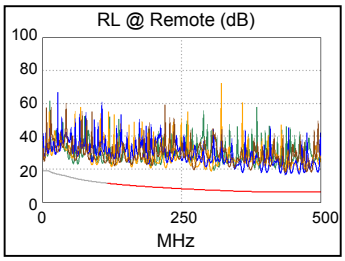



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-04-PT-16

Date / Time: 12/26/2018 05:00:26 PM
**Headroom 5.5 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.5 |
| Frequency (MHz) | [Pair 45] | 497.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.5 | 5.6 | 5.5 | 5.6 |
| Freq. (MHz) | 485.0 | 484.0 | 485.0 | 484.0 |
| Limit (dB) | 26.5 | 26.5 | 26.5 | 26.5 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 6.3 | 7.0 | 6.3 | 7.0 |
| Freq. (MHz) | 486.0 | 485.0 | 486.0 | 485.0 |
| Limit (dB) | 23.6 | 23.6 | 23.6 | 23.6 |

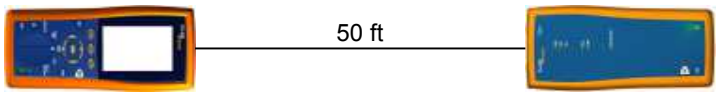
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-36 | 36-45 | 36-45 | 45-36 |
| **ACR-F (dB)** | 15.3 | 15.0 | 16.8 | 17.1 |
| Freq. (MHz) | 370.0 | 370.0 | 500.0 | 500.0 |
| Limit (dB) | 11.9 | 11.9 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 16.7 | 17.2 | 16.7 | 17.3 |
| Freq. (MHz) | 370.0 | 335.0 | 370.0 | 500.0 |
| Limit (dB) | 8.9 | 9.8 | 8.9 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 17.9 | 18.6 | 46.8 | 46.8 |
| Freq. (MHz) | 13.4 | 13.1 | 485.0 | 484.0 |
| Limit (dB) | 47.0 | 47.2 | -22.0 | -22.0 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 17.7 | 18.4 | 47.7 | 48.2 |
| Freq. (MHz) | 12.9 | 12.1 | 486.0 | 484.0 |
| Limit (dB) | 44.8 | 45.5 | -25.0 | -24.8 |

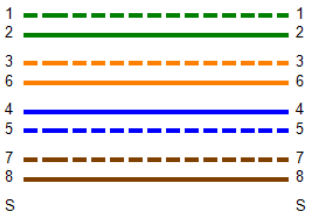
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 8.7 | 9.0 | 8.7 | 9.0 |
| Freq. (MHz) | 497.0 | 435.0 | 497.0 | 435.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

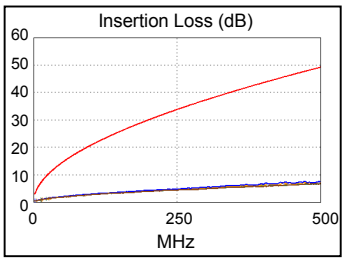
Compliant Network Standards:

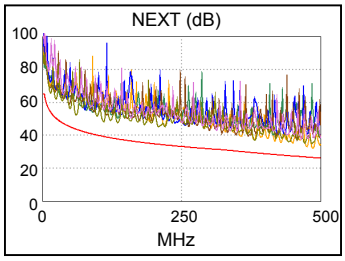
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

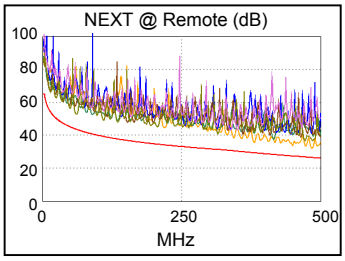


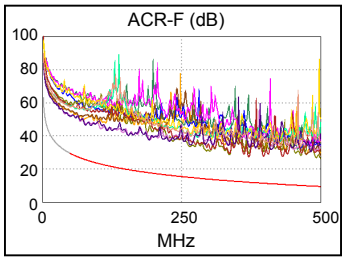

Wire Map (T568A)
**PASS**

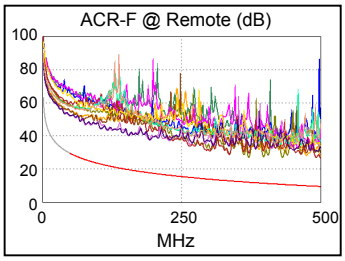


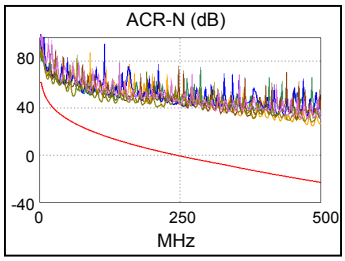



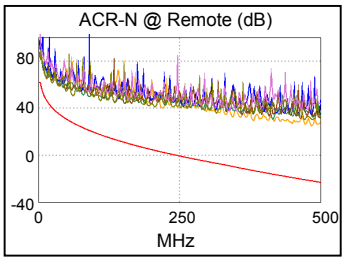



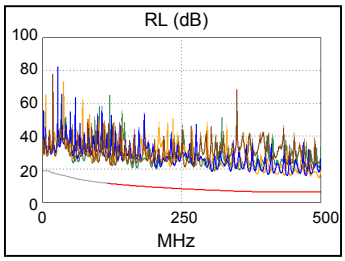



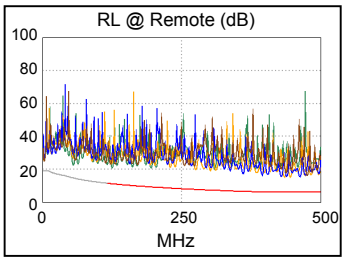



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-04-PT-17

Date / Time: 12/26/2018 05:08:15 PM
**Headroom 5.2 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 39.9 |
| Frequency (MHz) | [Pair 45] | 470.0 |
| Limit (dB) | [Pair 45] | 47.7 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.5 | 5.2 | 5.5 | 5.2 |
| Freq. (MHz) | 415.0 | 495.0 | 415.0 | 495.0 |
| Limit (dB) | 28.3 | 26.2 | 28.3 | 26.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 7.7 | 7.0 | 7.8 | 7.0 |
| Freq. (MHz) | 415.0 | 495.0 | 481.0 | 495.0 |
| Limit (dB) | 25.4 | 23.3 | 23.7 | 23.3 |

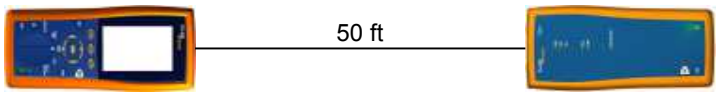
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 14.7 | 15.3 | 14.7 | 15.3 |
| Freq. (MHz) | 499.0 | 499.0 | 499.0 | 499.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.5 | 16.8 | 17.5 | 16.8 |
| Freq. (MHz) | 499.0 | 499.0 | 499.0 | 499.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.6 | 17.2 | 48.5 | 47.1 |
| Freq. (MHz) | 13.5 | 13.6 | 481.0 | 495.0 |
| Limit (dB) | 46.9 | 46.8 | -21.7 | -22.8 |
| Worst Pair | 78 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 18.9 | 17.8 | 48.9 | 48.9 |
| Freq. (MHz) | 13.5 | 6.5 | 481.0 | 495.0 |
| Limit (dB) | 44.3 | 51.8 | -24.6 | -25.7 |

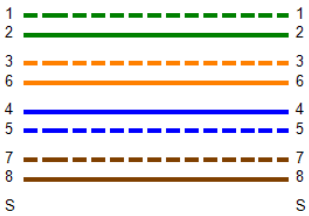
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 7.9 | 8.7 | 7.9 | 8.7 |
| Freq. (MHz) | 480.0 | 469.0 | 480.0 | 469.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

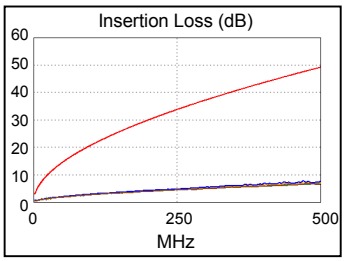
Compliant Network Standards:

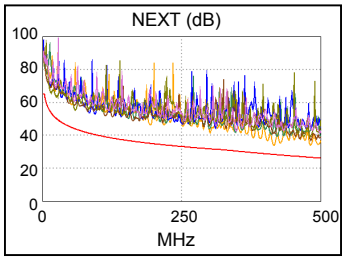
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

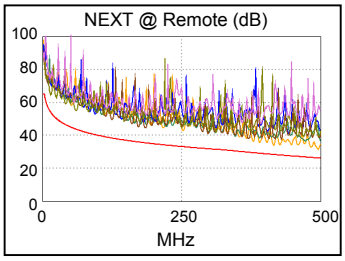


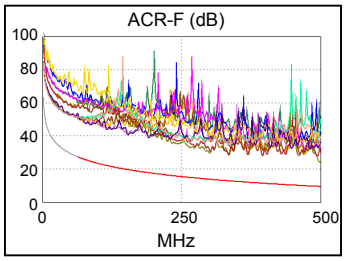

Wire Map (T568A)
**PASS**

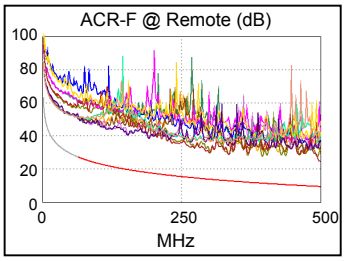


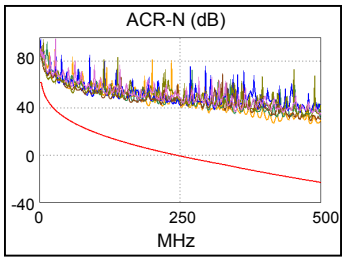



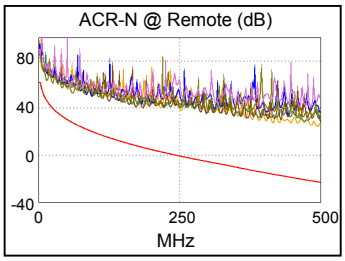



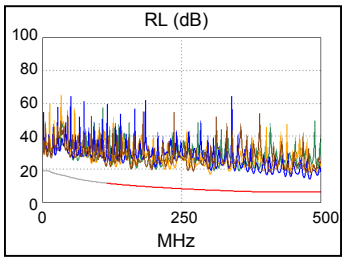



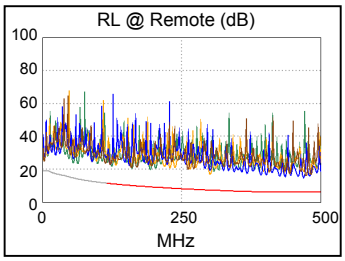



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-18

Date / Time: 12/26/2018 05:01:00 PM
**Headroom 5.7 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.7 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.8 | 5.7 | 6.8 | 6.3 |
| Freq. (MHz) | 483.0 | 448.0 | 483.0 | 483.0 |
| Limit (dB) | 26.5 | 27.4 | 26.5 | 26.5 |
| Worst Pair | 12 | 36 | 12 | 36 |
| **PS NEXT (dB)** | 7.4 | 7.8 | 7.4 | 7.8 |
| Freq. (MHz) | 483.0 | 448.0 | 483.0 | 484.0 |
| Limit (dB) | 23.6 | 24.5 | 23.6 | 23.6 |

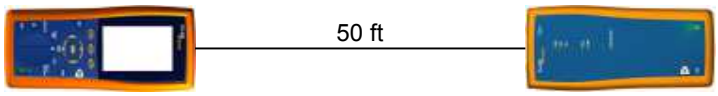
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 14.9 | 15.5 | 14.9 | 15.5 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.7 | 16.9 | 17.7 | 16.9 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-45 | 12-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 16.1 | 17.1 | 48.0 | 47.5 |
| Freq. (MHz) | 3.0 | 7.4 | 483.0 | 483.0 |
| Limit (dB) | 61.4 | 53.2 | -21.9 | -21.9 |
| Worst Pair | 12 | 12 | 12 | 36 |
| **PS ACR-N (dB)** | 17.6 | 17.7 | 49.2 | 49.0 |
| Freq. (MHz) | 3.0 | 7.3 | 483.0 | 484.0 |
| Limit (dB) | 58.4 | 50.8 | -24.8 | -24.8 |

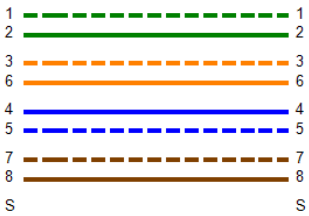
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 78 | 78 | 78 | 78 |
| **RL (dB)** | 6.7 | 7.5 | 7.2 | 7.5 |
| Freq. (MHz) | 159.5 | 483.0 | 483.0 | 483.0 |
| Limit (dB) | 10.0 | 6.0 | 6.0 | 6.0 |

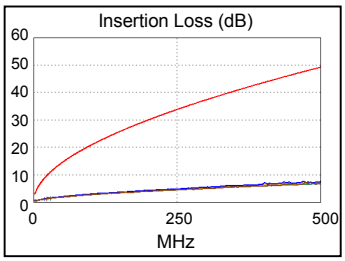
Compliant Network Standards:

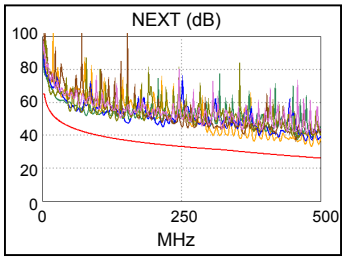
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

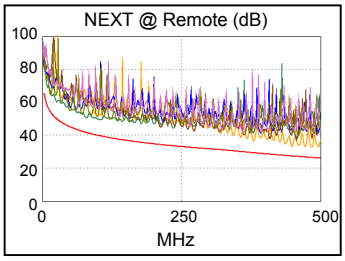


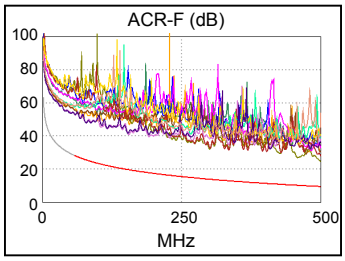

Wire Map (T568A)
**PASS**

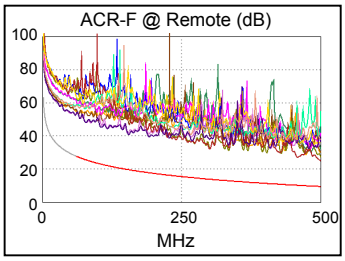


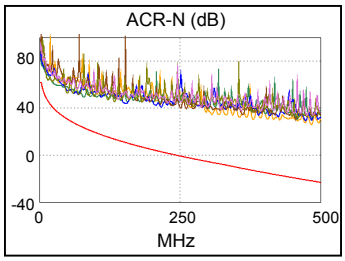



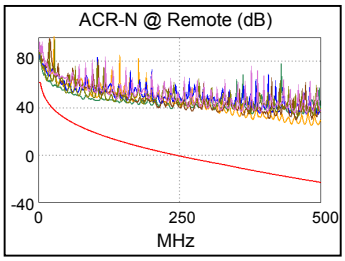



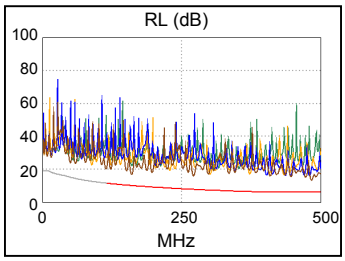



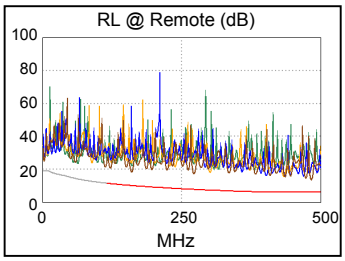



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-04-PT-19

Date / Time: 12/26/2018 05:01:48 PM
**Headroom 5.4 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.3 |
| Frequency (MHz) | [Pair 45] | 497.0 |
| Limit (dB) | [Pair 45] | 49.1 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.4 | 5.6 | 5.4 | 5.6 |
| Freq. (MHz) | 484.0 | 482.0 | 484.0 | 482.0 |
| Limit (dB) | 26.5 | 26.5 | 26.5 | 26.5 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 7.1 | 6.7 | 7.1 | 6.7 |
| Freq. (MHz) | 483.0 | 482.0 | 483.0 | 482.0 |
| Limit (dB) | 23.6 | 23.7 | 23.6 | 23.7 |

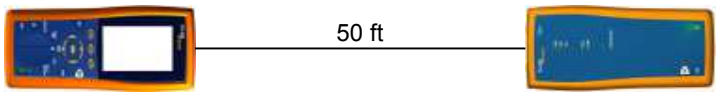
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 14.6 | 15.0 | 14.6 | 15.0 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.0 | 16.2 | 17.0 | 16.2 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 16.5 | 14.7 | 46.6 | 46.6 |
| Freq. (MHz) | 12.5 | 4.6 | 484.0 | 482.0 |
| Limit (dB) | 47.8 | 57.6 | -22.0 | -21.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 17.0 | 15.0 | 48.2 | 48.6 |
| Freq. (MHz) | 12.4 | 5.4 | 483.0 | 497.0 |
| Limit (dB) | 45.3 | 53.7 | -24.8 | -25.8 |

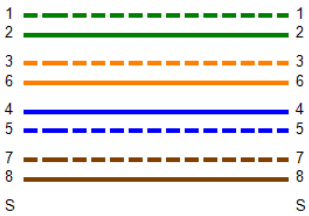
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 7.8 | 8.2 | 7.8 | 8.2 |
| Freq. (MHz) | 497.0 | 435.0 | 497.0 | 435.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

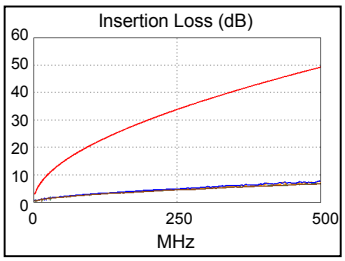
Compliant Network Standards:

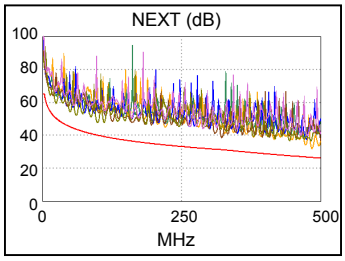
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

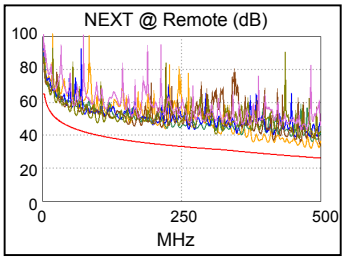


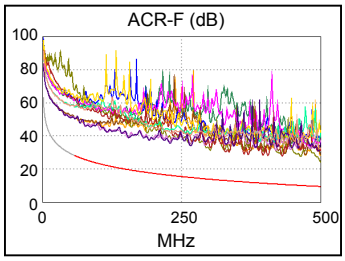

Wire Map (T568A)
**PASS**

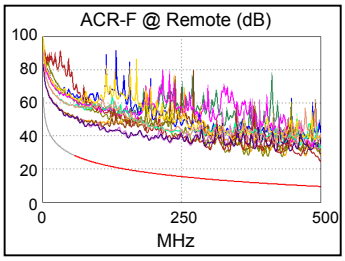


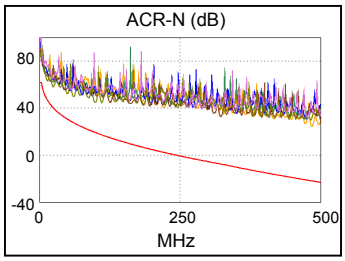



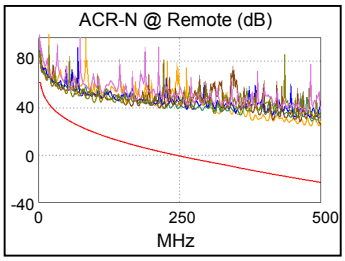



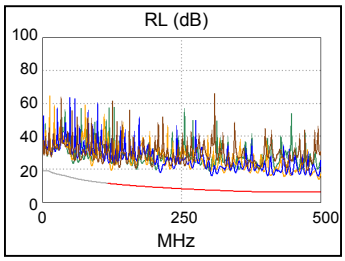



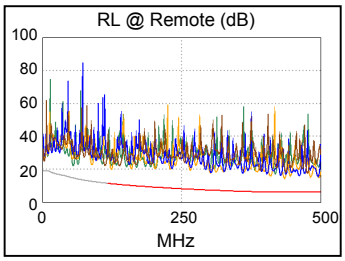



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-04-PT-20

Date / Time: 12/26/2018 05:02:21 PM
**Headroom 6.7 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 40.0 |
| Frequency (MHz) | [Pair 45] | 472.0 |
| Limit (dB) | [Pair 45] | 47.8 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 7.0 | 6.7 | 7.0 | 6.7 |
| Freq. (MHz) | 417.0 | 473.0 | 417.0 | 473.0 |
| Limit (dB) | 28.2 | 26.8 | 28.2 | 26.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS NEXT (dB)** | 7.6 | 6.7 | 8.4 | 6.7 |
| Freq. (MHz) | 417.0 | 463.0 | 486.0 | 463.0 |
| Limit (dB) | 25.3 | 24.1 | 23.6 | 24.1 |

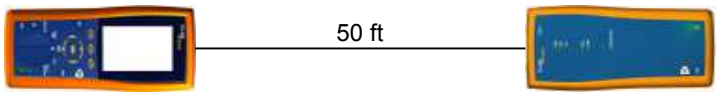
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| **ACR-F (dB)** | 15.7 | 16.2 | 15.7 | 16.2 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 9.3 | 9.3 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 18.0 | 16.7 | 18.0 | 16.7 |
| Freq. (MHz) | 500.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 6.3 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 18.3 | 15.6 | 50.3 | 48.5 |
| Freq. (MHz) | 22.6 | 4.6 | 486.0 | 486.0 |
| Limit (dB) | 41.0 | 57.6 | -22.1 | -22.1 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-N (dB)** | 17.9 | 16.8 | 49.9 | 49.7 |
| Freq. (MHz) | 12.4 | 5.4 | 486.0 | 498.0 |
| Limit (dB) | 45.3 | 53.7 | -25.0 | -25.9 |

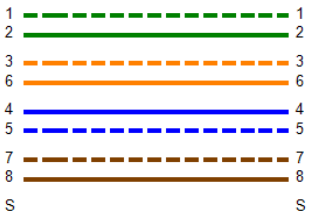
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 36 | 45 | 45 |
| **RL (dB)** | 8.6 | 8.8 | 8.6 | 9.2 |
| Freq. (MHz) | 481.0 | 302.0 | 481.0 | 471.0 |
| Limit (dB) | 6.0 | 7.2 | 6.0 | 6.0 |

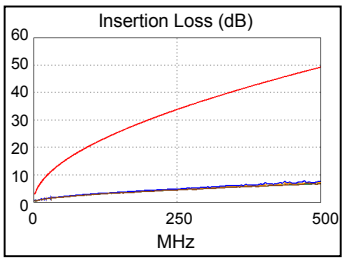
Compliant Network Standards:

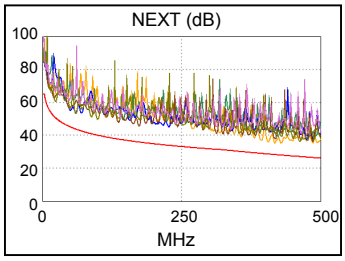
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

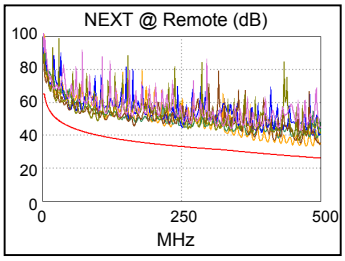


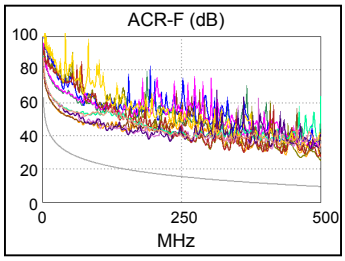

Wire Map (T568A)
**PASS**

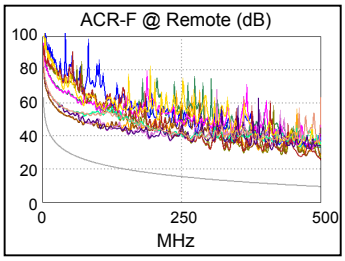


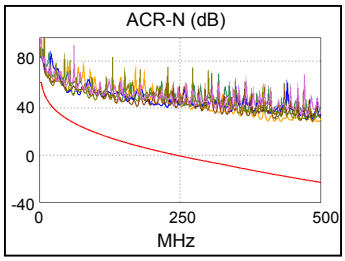



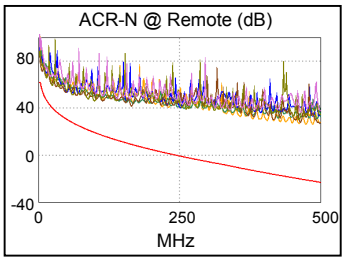



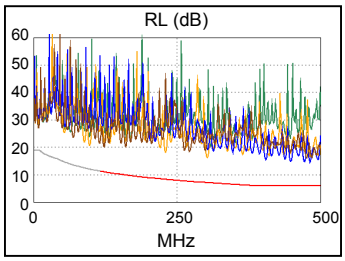



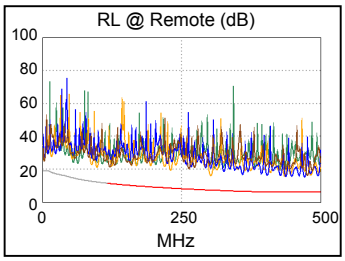



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-04-PT-21

Date / Time: 12/26/2018 05:04:00 PM
**Headroom 5.3 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 39.9 |
| Frequency (MHz) | [Pair 45] | 472.0 |
| Limit (dB) | [Pair 45] | 47.8 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.6 | 5.3 | 8.3 | 5.3 |
| Freq. (MHz) | 417.0 | 485.0 | 498.0 | 485.0 |
| Limit (dB) | 28.2 | 26.5 | 26.1 | 26.5 |
| Worst Pair | 36 | 12 | 36 | 36 |
| **PS NEXT (dB)** | 8.1 | 7.0 | 9.6 | 7.0 |
| Freq. (MHz) | 417.0 | 449.0 | 485.0 | 486.0 |
| Limit (dB) | 25.3 | 24.5 | 23.6 | 23.6 |

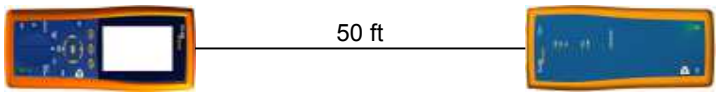
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 45-36 |
| **ACR-F (dB)** | 16.0 | 15.9 | 16.0 | 16.4 |
| Freq. (MHz) | 500.0 | 336.0 | 500.0 | 500.0 |
| Limit (dB) | 9.3 | 12.7 | 9.3 | 9.3 |
| Worst Pair | 36 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 18.6 | 17.4 | 18.8 | 17.4 |
| Freq. (MHz) | 336.0 | 500.0 | 500.0 | 500.0 |
| Limit (dB) | 9.7 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 12-36 | 12-36 |
| **ACR-N (dB)** | 20.1 | 19.3 | 50.3 | 47.5 |
| Freq. (MHz) | 18.4 | 4.4 | 498.0 | 497.0 |
| Limit (dB) | 43.5 | 58.1 | -23.1 | -23.0 |
| Worst Pair | 36 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 19.9 | 20.6 | 50.9 | 48.4 |
| Freq. (MHz) | 13.8 | 4.9 | 485.0 | 486.0 |
| Limit (dB) | 44.1 | 54.6 | -24.9 | -25.0 |

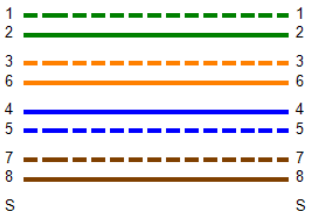
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 7.5 | 7.5 | 7.5 | 7.5 |
| Freq. (MHz) | 481.0 | 437.0 | 481.0 | 437.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

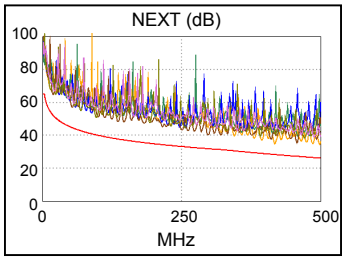


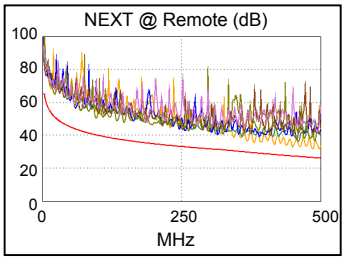

Wire Map (T568A)
**PASS**

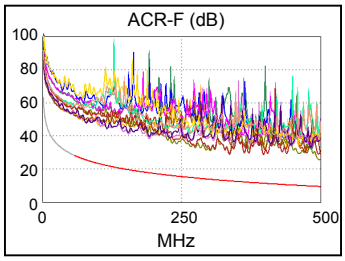


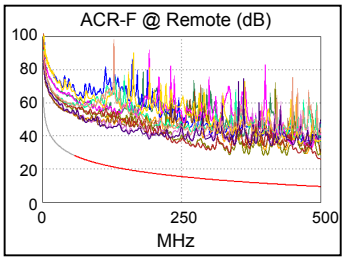


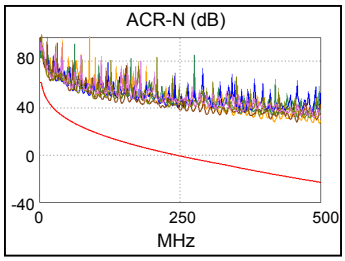


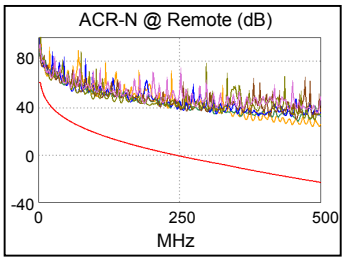


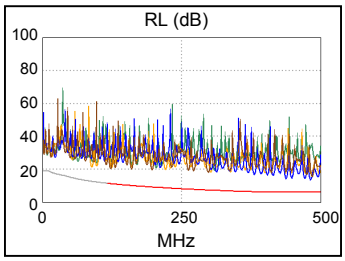



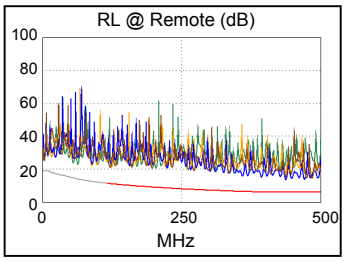



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

# Cable ID: RACK-04-PT-22

Date / Time: 12/26/2018 05:05:19 PM
**Headroom 5.6 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 39.7 |
| Frequency (MHz) | [Pair 45] | 471.0 |
| Limit (dB) | [Pair 45] | 47.7 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.2 | 5.6 | 6.2 | 5.8 |
| Freq. (MHz) | 406.0 | 473.0 | 485.0 | 485.0 |
| Limit (dB) | 28.6 | 26.8 | 26.5 | 26.5 |
| Worst Pair | 36 | 12 | 36 | 12 |
| **PS NEXT (dB)** | 7.9 | 7.2 | 7.9 | 7.2 |
| Freq. (MHz) | 485.0 | 485.0 | 485.0 | 485.0 |
| Limit (dB) | 23.6 | 23.6 | 23.6 | 23.6 |

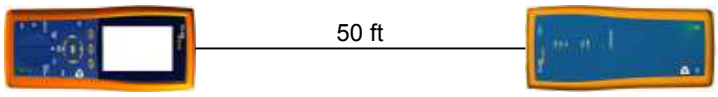
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 45-36 |
| **ACR-F (dB)** | 16.1 | 16.6 | 16.1 | 16.6 |
| Freq. (MHz) | 500.0 | 335.0 | 500.0 | 500.0 |
| Limit (dB) | 9.3 | 12.8 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.7 | 17.8 | 17.7 | 17.8 |
| Freq. (MHz) | 495.0 | 500.0 | 496.0 | 500.0 |
| Limit (dB) | 6.4 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 20.7 | 19.1 | 47.5 | 47.1 |
| Freq. (MHz) | 14.0 | 12.6 | 485.0 | 485.0 |
| Limit (dB) | 46.5 | 47.7 | -22.0 | -22.0 |
| Worst Pair | 36 | 36 | 36 | 12 |
| **PS ACR-N (dB)** | 21.0 | 19.8 | 49.2 | 49.0 |
| Freq. (MHz) | 13.5 | 12.6 | 485.0 | 485.0 |
| Limit (dB) | 44.3 | 45.0 | -24.9 | -24.9 |

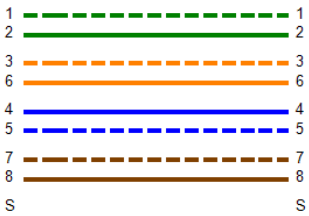
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 8.3 | 7.6 | 8.3 | 7.6 |
| Freq. (MHz) | 471.0 | 495.0 | 471.0 | 495.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

Compliant Network Standards:

| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

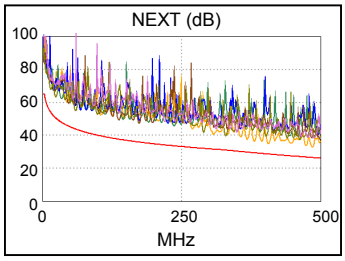


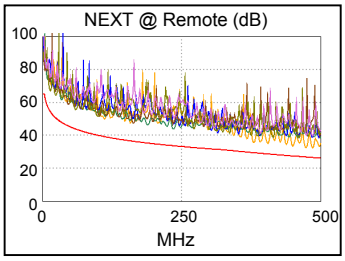

Wire Map (T568A)
**PASS**

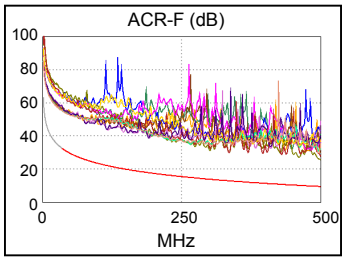


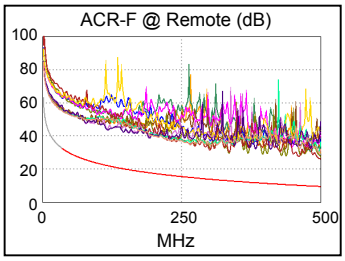


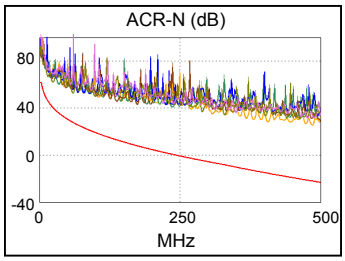


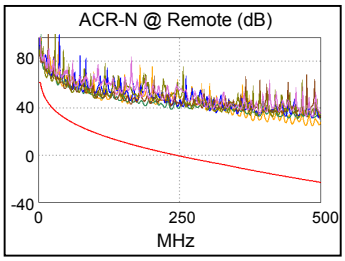


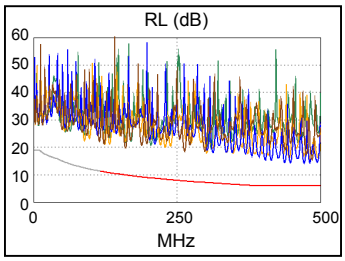



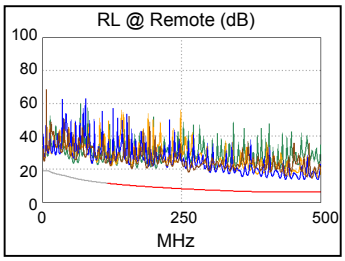



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-23

Date / Time: 12/26/2018 05:05:50 PM
**Headroom 4.2 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.9 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.5 |
| Frequency (MHz) | [Pair 45] | 498.0 |
| Limit (dB) | [Pair 45] | 49.2 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 5.5 | 4.2 | 5.7 | 4.4 |
| Freq. (MHz) | 485.0 | 484.0 | 497.0 | 497.0 |
| Limit (dB) | 26.5 | 26.5 | 26.2 | 26.2 |
| Worst Pair | 36 | 45 | 36 | 12 |
| **PS NEXT (dB)** | 7.1 | 6.1 | 7.1 | 6.2 |
| Freq. (MHz) | 484.0 | 200.0 | 484.0 | 484.0 |
| Limit (dB) | 23.6 | 31.9 | 23.6 | 23.6 |

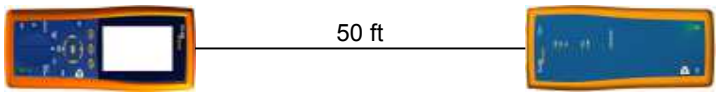
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-45 | 36-45 | 36-45 | 45-36 |
| **ACR-F (dB)** | 16.7 | 16.8 | 16.7 | 17.1 |
| Freq. (MHz) | 500.0 | 397.0 | 500.0 | 500.0 |
| Limit (dB) | 9.3 | 11.3 | 9.3 | 9.3 |
| Worst Pair | 45 | 36 | 45 | 36 |
| **PS ACR-F (dB)** | 17.4 | 17.8 | 18.1 | 17.8 |
| Freq. (MHz) | 302.0 | 500.0 | 496.0 | 500.0 |
| Limit (dB) | 10.7 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45-78 | 45-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 12.9 | 12.5 | 47.6 | 46.3 |
| Freq. (MHz) | 12.4 | 12.3 | 497.0 | 497.0 |
| Limit (dB) | 47.9 | 48.0 | -23.0 | -23.0 |
| Worst Pair | 45 | 45 | 36 | 36 |
| **PS ACR-N (dB)** | 14.8 | 14.4 | 48.4 | 48.6 |
| Freq. (MHz) | 12.4 | 12.3 | 484.0 | 498.0 |
| Limit (dB) | 45.3 | 45.4 | -24.8 | -25.9 |

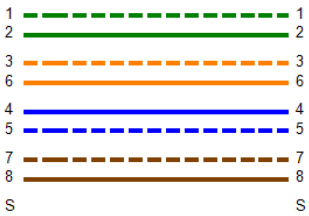
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 45 | 45 | 45 | 45 |
| **RL (dB)** | 8.6 | 8.7 | 8.6 | 8.7 |
| Freq. (MHz) | 439.0 | 496.0 | 439.0 | 496.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

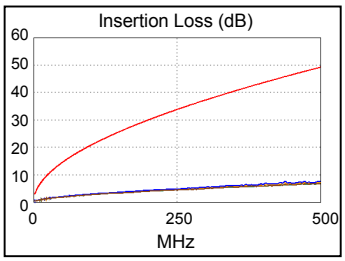
Compliant Network Standards:

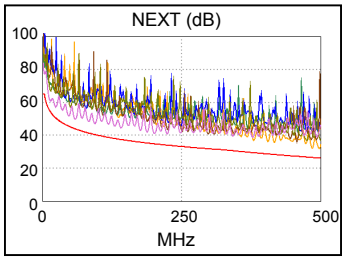
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

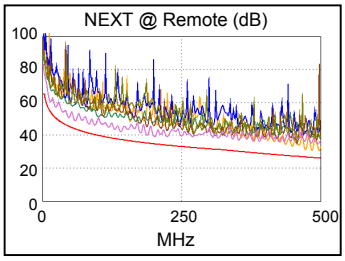


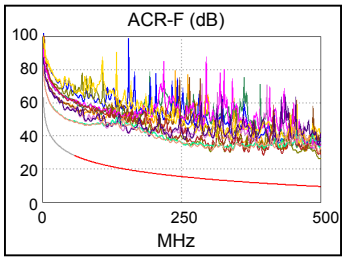

Wire Map (T568A)
**PASS**

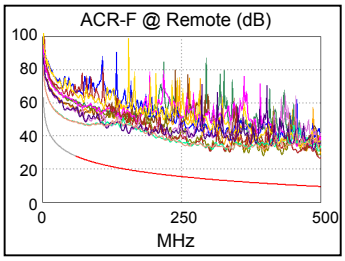


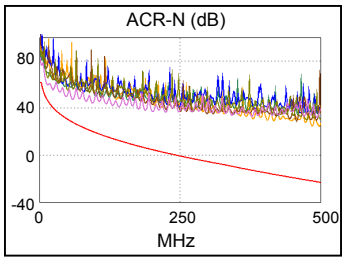



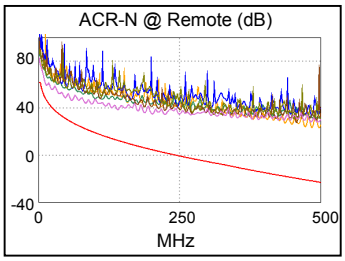



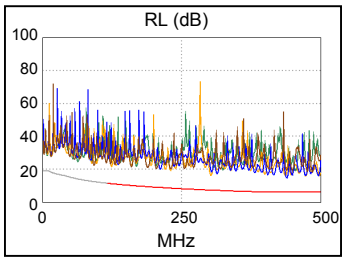



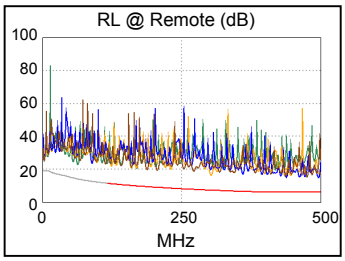



LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

## Cable ID: RACK-04-PT-24

Date / Time: 12/26/2018 05:06:43 PM
**Headroom 5.4 dB (NEXT 12-36)**
**Test Limit: TIA Cat 6A Channel**
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Operator: MARCELO
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 06/29/2018
Remote (Tester): 06/29/2018

## Test Summary: PASS

Model: DTX-1800
Main S/N: 8958043
Remote S/N: 8958044
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

| | | |
|---|---|---|
| Length (ft), Limit 328 | [Pair 78] | 50 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 74 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 6 |
| Resistance (ohms) | [Pair 12] | 2.8 |
| Insertion Loss Margin (dB) | [Pair 45] | 41.7 |
| Frequency (MHz) | [Pair 45] | 500.0 |
| Limit (dB) | [Pair 45] | 49.3 |

| | Worst Case Margin | | Worst Case Value | |
|---|---|---|---|---|
| **PASS** | MAIN | SR | MAIN | SR |
| Worst Pair | 12-36 | 12-36 | 12-36 | 12-36 |
| **NEXT (dB)** | 6.5 | 5.4 | 6.5 | 5.4 |
| Freq. (MHz) | 484.0 | 483.0 | 484.0 | 483.0 |
| Limit (dB) | 26.5 | 26.5 | 26.5 | 26.5 |
| Worst Pair | 12 | 12 | 12 | 12 |
| **PS NEXT (dB)** | 8.1 | 7.3 | 8.1 | 7.3 |
| Freq. (MHz) | 484.0 | 483.0 | 484.0 | 483.0 |
| Limit (dB) | 23.6 | 23.6 | 23.6 | 23.6 |

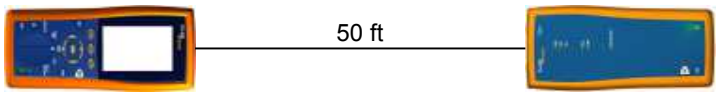
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 12-36 | 36-45 | 12-36 | 12-36 |
| **ACR-F (dB)** | 16.5 | 16.3 | 16.5 | 16.6 |
| Freq. (MHz) | 473.0 | 430.0 | 473.0 | 472.0 |
| Limit (dB) | 9.8 | 10.6 | 9.8 | 9.8 |
| Worst Pair | 36 | 36 | 36 | 36 |
| **PS ACR-F (dB)** | 17.5 | 17.7 | 18.8 | 17.7 |
| Freq. (MHz) | 370.0 | 499.0 | 499.0 | 499.0 |
| Limit (dB) | 8.9 | 6.3 | 6.3 | 6.3 |

| **N/A** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36-78 | 36-78 | 12-36 | 12-36 |
| **ACR-N (dB)** | 15.5 | 16.6 | 47.7 | 46.5 |
| Freq. (MHz) | 12.6 | 12.3 | 484.0 | 483.0 |
| Limit (dB) | 47.7 | 48.0 | -22.0 | -21.9 |
| Worst Pair | 36 | 36 | 36 | 12 |
| **PS ACR-N (dB)** | 16.2 | 17.3 | 49.2 | 49.1 |
| Freq. (MHz) | 12.8 | 12.1 | 484.0 | 483.0 |
| Limit (dB) | 44.9 | 45.5 | -24.8 | -24.8 |

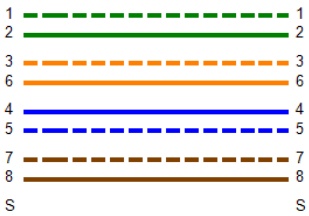
| **PASS** | MAIN | SR | MAIN | SR |
|---|---|---|---|---|
| Worst Pair | 36 | 36 | 36 | 36 |
| **RL (dB)** | 8.7 | 8.0 | 8.7 | 8.0 |
| Freq. (MHz) | 445.0 | 444.0 | 445.0 | 444.0 |
| Limit (dB) | 6.0 | 6.0 | 6.0 | 6.0 |

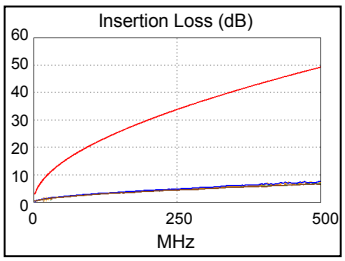
Compliant Network Standards:

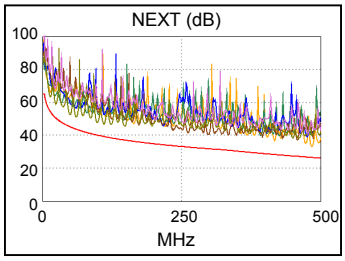
| | | |
|---|---|---|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| 10GBASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

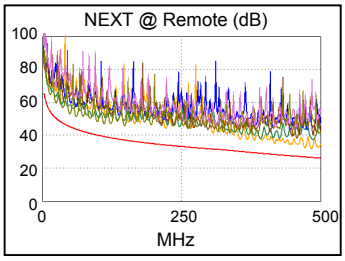


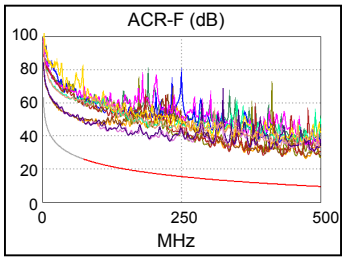

Wire Map (T568A)
**PASS**

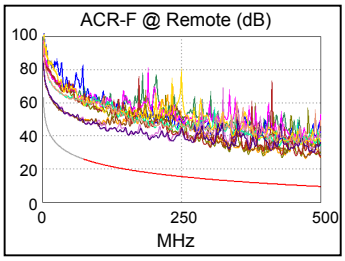


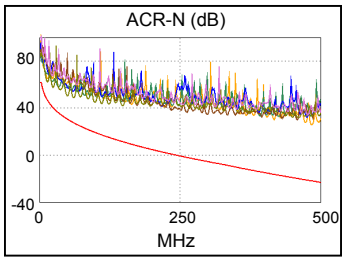



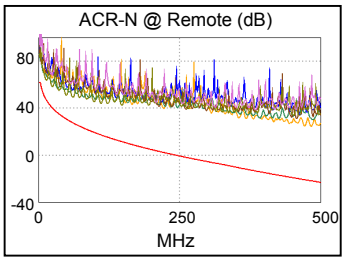



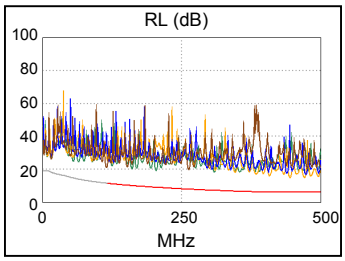



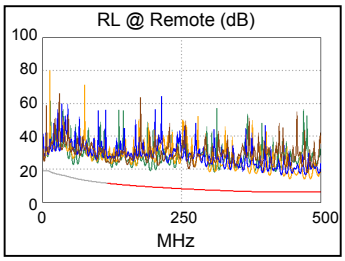



| Cable ID | Summary | Test Limit | Length | Headroom | Date / Time |
|---|---|---|---|---|---|
| RACK-02-PT-01 | PASS | TIA Cat 6A Channel | 43 ft | 4.3 dB (NEXT) | 12/26/2018 04:13 PM |
| RACK-02-PT-02 | PASS | TIA Cat 6A Channel | 44 ft | 5.8 dB (NEXT) | 12/26/2018 04:13 PM |
| RACK-02-PT-03 | PASS | TIA Cat 6A Channel | 43 ft | 5.2 dB (NEXT) | 12/26/2018 04:14 PM |
| RACK-02-PT-04 | PASS | TIA Cat 6A Channel | 44 ft | 6.5 dB (NEXT) | 12/26/2018 04:15 PM |
| RACK-02-PT-05 | PASS | TIA Cat 6A Channel | 44 ft | 5.5 dB (NEXT) | 12/26/2018 04:15 PM |
| RACK-02-PT-06 | PASS | TIA Cat 6A Channel | 44 ft | 6.3 dB (NEXT) | 12/26/2018 04:16 PM |
| RACK-02-PT-07 | PASS | TIA Cat 6A Channel | 44 ft | 3.6 dB (NEXT) | 12/26/2018 04:16 PM |
| RACK-02-PT-08 | PASS | TIA Cat 6A Channel | 44 ft | 5.9 dB (NEXT) | 12/26/2018 04:17 PM |
| RACK-02-PT-09 | PASS | TIA Cat 6A Channel | 44 ft | 4.6 dB (NEXT) | 12/26/2018 04:17 PM |
| RACK-02-PT-10 | PASS | TIA Cat 6A Channel | 44 ft | 2.9 dB (NEXT) | 12/26/2018 04:20 PM |
| RACK-02-PT-11 | PASS | TIA Cat 6A Channel | 44 ft | 7.1 dB (NEXT) | 12/26/2018 04:20 PM |
| RACK-02-PT-12 | PASS | TIA Cat 6A Channel | 44 ft | 4.8 dB (NEXT) | 12/26/2018 04:21 PM |
| RACK-02-PT-13 | PASS | TIA Cat 6A Channel | 44 ft | 5.5 dB (NEXT) | 12/26/2018 04:21 PM |
| RACK-02-PT-14 | PASS | TIA Cat 6A Channel | 44 ft | 4.9 dB (NEXT) | 12/26/2018 04:22 PM |
| RACK-02-PT-15 | PASS | TIA Cat 6A Channel | 44 ft | 5.8 dB (NEXT) | 12/26/2018 04:23 PM |
| RACK-02-PT-16 | PASS | TIA Cat 6A Channel | 44 ft | 4.7 dB (NEXT) | 12/26/2018 04:26 PM |
| RACK-02-PT-17 | PASS | TIA Cat 6A Channel | 43 ft | 5.6 dB (NEXT) | 12/26/2018 04:24 PM |
| RACK-02-PT-18 | PASS | TIA Cat 6A Channel | 44 ft | 5.4 dB (NEXT) | 12/26/2018 04:27 PM |
| RACK-02-PT-19 | PASS | TIA Cat 6A Channel | 44 ft | 4.7 dB (NEXT) | 12/26/2018 04:28 PM |
| RACK-02-PT-20 | PASS | TIA Cat 6A Channel | 43 ft | 4.5 dB (NEXT) | 12/26/2018 04:28 PM |
| RACK-02-PT-21 | PASS | TIA Cat 6A Channel | 43 ft | 5.2 dB (NEXT) | 12/26/2018 04:29 PM |
| RACK-02-PT-22 | PASS | TIA Cat 6A Channel | 44 ft | 5.4 dB (NEXT) | 12/26/2018 04:29 PM |
| RACK-02-PT-23 | PASS | TIA Cat 6A Channel | 44 ft | 5.8 dB (NEXT) | 12/26/2018 04:30 PM |
| RACK-02-PT-24 | PASS | TIA Cat 6A Channel | 43 ft | 7.3 dB (NEXT) | 12/26/2018 04:30 PM |
| RACK-03-PT-01 | PASS | TIA Cat 6A Channel | 47 ft | 5.5 dB (NEXT) | 12/26/2018 04:31 PM |
| RACK-03-PT-02 | PASS | TIA Cat 6A Channel | 47 ft | 5.9 dB (NEXT) | 12/26/2018 04:31 PM |
| RACK-03-PT-03 | PASS | TIA Cat 6A Channel | 47 ft | 5.7 dB (NEXT) | 12/26/2018 04:32 PM |
| RACK-03-PT-04 | PASS | TIA Cat 6A Channel | 47 ft | 5.9 dB (NEXT) | 12/26/2018 04:33 PM |
| RACK-03-PT-05 | PASS | TIA Cat 6A Channel | 47 ft | 5.6 dB (NEXT) | 12/26/2018 04:34 PM |
| RACK-03-PT-06 | PASS | TIA Cat 6A Channel | 47 ft | 5.6 dB (NEXT) | 12/26/2018 04:34 PM |
| RACK-03-PT-07 | PASS | TIA Cat 6A Channel | 47 ft | 4.6 dB (NEXT) | 12/26/2018 04:35 PM |
| RACK-03-PT-08 | PASS | TIA Cat 6A Channel | 47 ft | 6.2 dB (NEXT) | 12/26/2018 04:35 PM |
| RACK-03-PT-09 | PASS | TIA Cat 6A Channel | 47 ft | 5.1 dB (NEXT) | 12/26/2018 04:36 PM |
| RACK-03-PT-10 | PASS | TIA Cat 6A Channel | 47 ft | 5.0 dB (NEXT) | 12/26/2018 04:37 PM |
| RACK-03-PT-11 | PASS | TIA Cat 6A Channel | 47 ft | 6.0 dB (NEXT) | 12/26/2018 04:37 PM |
| RACK-03-PT-12 | PASS | TIA Cat 6A Channel | 47 ft | 6.8 dB (NEXT) | 12/26/2018 04:46 PM |
| RACK-03-PT-13 | PASS | TIA Cat 6A Channel | 47 ft | 5.6 dB (NEXT) | 12/26/2018 04:39 PM |
| RACK-03-PT-14 | PASS | TIA Cat 6A Channel | 47 ft | 5.3 dB (NEXT) | 12/26/2018 04:40 PM |
| RACK-03-PT-15 | PASS | TIA Cat 6A Channel | 47 ft | 4.8 dB (NEXT) | 12/26/2018 04:41 PM |
| RACK-03-PT-16 | PASS | TIA Cat 6A Channel | 47 ft | 5.9 dB (NEXT) | 12/26/2018 04:42 PM |
| RACK-03-PT-17 | PASS | TIA Cat 6A Channel | 47 ft | 5.6 dB (NEXT) | 12/26/2018 04:43 PM |
| RACK-03-PT-18 | PASS | TIA Cat 6A Channel | 47 ft | 3.9 dB (NEXT) | 12/26/2018 04:43 PM |
| RACK-03-PT-19 | PASS | TIA Cat 6A Channel | 47 ft | 4.1 dB (NEXT) | 12/26/2018 04:44 PM |
| RACK-03-PT-20 | PASS | TIA Cat 6A Channel | 47 ft | 6.8 dB (NEXT) | 12/26/2018 04:47 PM |
| RACK-03-PT-21 | PASS | TIA Cat 6A Channel | 47 ft | 5.2 dB (NEXT) | 12/26/2018 04:48 PM |
| RACK-03-PT-22 | PASS | TIA Cat 6A Channel | 47 ft | 7.3 dB (NEXT) | 12/26/2018 04:48 PM |
| RACK-03-PT-23 | PASS | TIA Cat 6A Channel | 47 ft | 5.1 dB (NEXT) | 12/26/2018 04:49 PM |
| RACK-03-PT-24 | PASS | TIA Cat 6A Channel | 47 ft | 5.6 dB (NEXT) | 12/26/2018 04:50 PM |
| RACK-04-PT-01 | PASS | TIA Cat 6A Channel | 50 ft | 5.5 dB (NEXT) | 12/26/2018 04:50 PM |
| RACK-04-PT-02 | PASS | TIA Cat 6A Channel | 50 ft | 3.1 dB (NEXT) | 12/26/2018 04:51 PM |
| RACK-04-PT-03 | PASS | TIA Cat 6A Channel | 50 ft | 6.6 dB (NEXT) | 12/26/2018 04:52 PM |
| RACK-04-PT-04 | PASS | TIA Cat 6A Channel | 50 ft | 6.7 dB (NEXT) | 12/26/2018 04:53 PM |
| RACK-04-PT-05 | PASS | TIA Cat 6A Channel | 50 ft | 3.7 dB (NEXT) | 12/26/2018 04:53 PM |
| RACK-04-PT-06 | PASS | TIA Cat 6A Channel | 50 ft | 5.4 dB (NEXT) | 12/26/2018 04:54 PM |
| RACK-04-PT-07 | PASS | TIA Cat 6A Channel | 50 ft | 4.4 dB (NEXT) | 12/26/2018 04:54 PM |
| RACK-04-PT-08 | PASS | TIA Cat 6A Channel | 50 ft | 2.7 dB (NEXT) | 12/26/2018 04:55 PM |
| RACK-04-PT-09 | PASS | TIA Cat 6A Channel | 50 ft | 6.0 dB (NEXT) | 12/26/2018 04:55 PM |
| RACK-04-PT-10 | PASS | TIA Cat 6A Channel | 50 ft | 5.6 dB (NEXT) | 12/26/2018 04:56 PM |
| RACK-04-PT-11 | PASS | TIA Cat 6A Channel | 50 ft | 3.8 dB (NEXT) | 12/26/2018 04:56 PM |
| RACK-04-PT-12 | PASS | TIA Cat 6A Channel | 50 ft | 5.2 dB (NEXT) | 12/26/2018 04:57 PM |
| RACK-04-PT-13 | PASS | TIA Cat 6A Channel | 50 ft | 6.3 dB (NEXT) | 12/26/2018 04:57 PM |
| RACK-04-PT-14 | PASS | TIA Cat 6A Channel | 50 ft | 4.9 dB (NEXT) | 12/26/2018 04:58 PM |
| RACK-04-PT-15 | PASS | TIA Cat 6A Channel | 50 ft | 4.8 dB (NEXT) | 12/26/2018 04:59 PM |
| RACK-04-PT-16 | PASS | TIA Cat 6A Channel | 50 ft | 5.5 dB (NEXT) | 12/26/2018 05:00 PM |
| RACK-04-PT-17 | PASS | TIA Cat 6A Channel | 50 ft | 5.2 dB (NEXT) | 12/26/2018 05:08 PM |
| RACK-04-PT-18 | PASS | TIA Cat 6A Channel | 50 ft | 5.7 dB (NEXT) | 12/26/2018 05:01 PM |
| RACK-04-PT-19 | PASS | TIA Cat 6A Channel | 50 ft | 5.4 dB (NEXT) | 12/26/2018 05:01 PM |
| RACK-04-PT-20 | PASS | TIA Cat 6A Channel | 50 ft | 6.7 dB (NEXT) | 12/26/2018 05:02 PM |
| RACK-04-PT-21 | PASS | TIA Cat 6A Channel | 50 ft | 5.3 dB (NEXT) | 12/26/2018 05:04 PM |
| RACK-04-PT-22 | PASS | TIA Cat 6A Channel | 50 ft | 5.6 dB (NEXT) | 12/26/2018 05:05 PM |
| RACK-04-PT-23 | PASS | TIA Cat 6A Channel | 50 ft | 4.2 dB (NEXT) | 12/26/2018 05:05 PM |
| RACK-04-PT-24 | PASS | TIA Cat 6A Channel | 50 ft | 5.4 dB (NEXT) | 12/26/2018 05:06 PM |

| | |
|---|---|
| Total Length: | 3378 ft |
| Number of Reports: | 72 |
| Number of Passing Reports: | 72 |
| Number of Failing Reports: | 0 |
| Number of Warning Reports: | 0 |
| Documentation Only: | 0 |