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

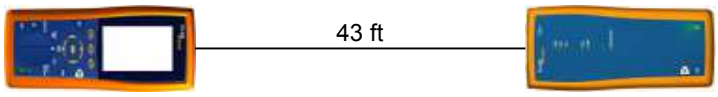
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.9	13.5	15.1	14.7
Freq. (MHz)	400.0	401.0	472.0	472.0
Limit (dB)	11.2	11.2	9.8	9.8
Worst Pair	36	45	36	45
PS ACR-F (dB)	16.0	16.5	16.6	17.6
Freq. (MHz)	401.0	400.0	473.0	472.0
Limit (dB)	8.2	8.2	6.8	6.8

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

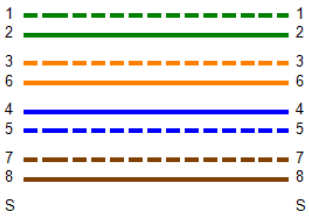
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	9.7	9.6	9.7	9.6
Freq. (MHz)	474.0	431.0	474.0	431.0
Limit (dB)	6.0	6.0	6.0	6.0

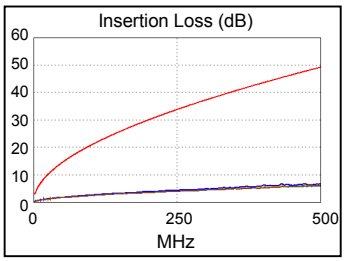
Compliant Network Standards:

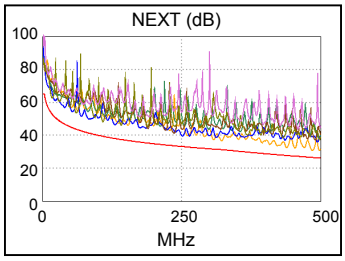
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

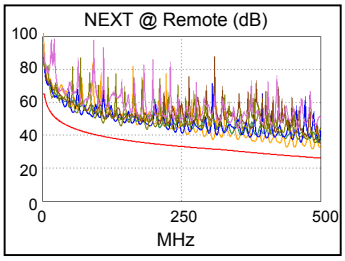


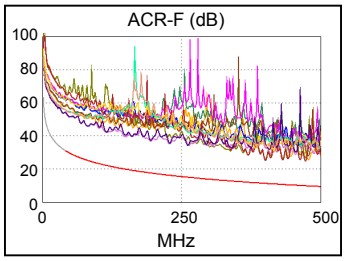
Wire Map (T568A)
PASS

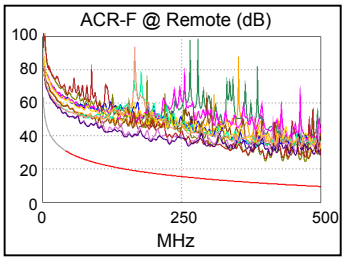


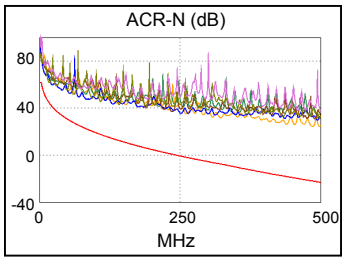


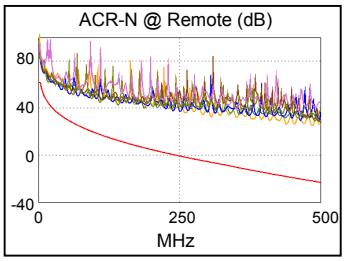


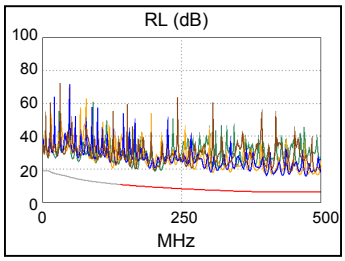


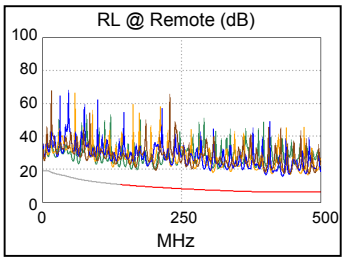












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

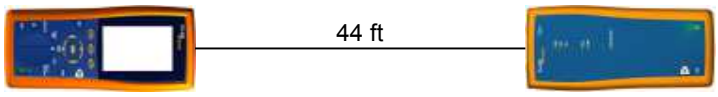
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	12.9	12.9	13.1	13.1
Freq. (MHz)	439.0	439.0	470.0	470.0
Limit (dB)	10.4	10.4	9.8	9.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	13.6	14.7	14.1	14.7
Freq. (MHz)	440.0	440.0	472.0	440.0
Limit (dB)	7.4	7.4	6.8	7.4

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

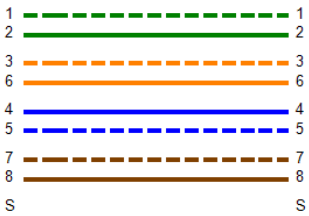
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	36	36
RL (dB)	7.3	7.7	8.4	8.7
Freq. (MHz)	201.5	158.5	472.0	473.0
Limit (dB)	9.0	10.0	6.0	6.0

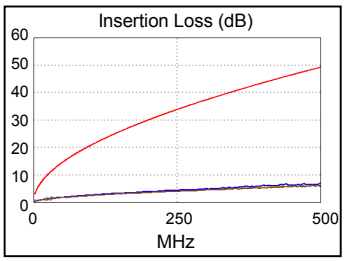
Compliant Network Standards:

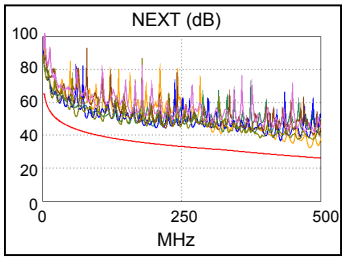
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

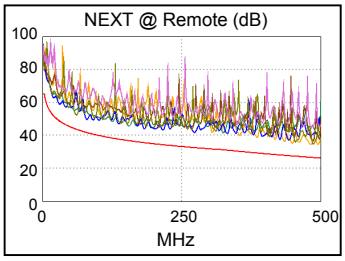


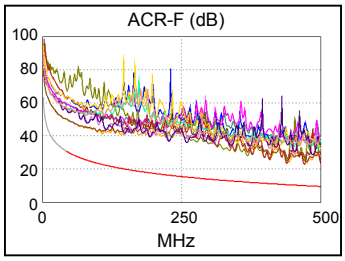
Wire Map (T568A)
PASS

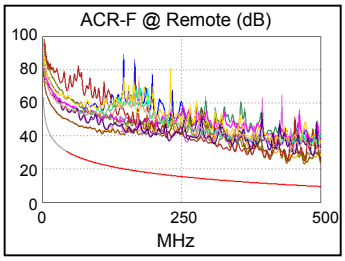


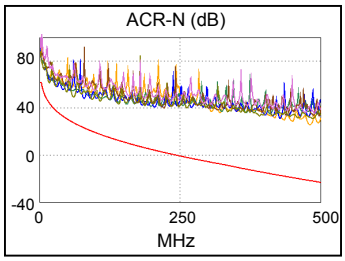


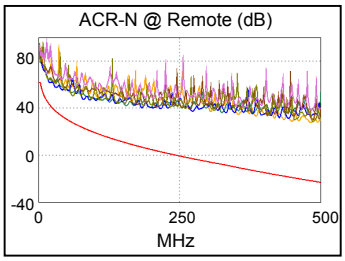


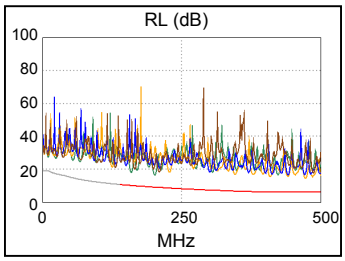


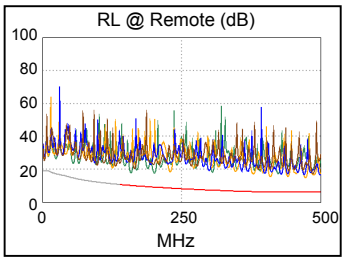












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

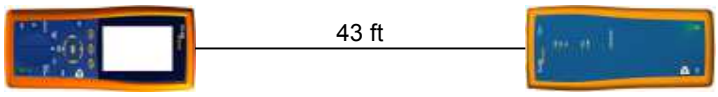
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	12.3	12.5	12.3	12.5
Freq. (MHz)	439.0	471.0	471.0	471.0
Limit (dB)	10.4	9.8	9.8	9.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	14.4	14.8	14.6	15.0
Freq. (MHz)	440.0	440.0	471.0	471.0
Limit (dB)	7.4	7.4	6.8	6.8

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

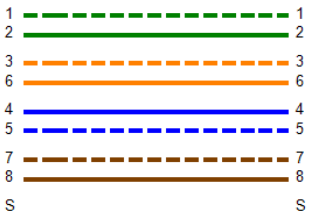
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	36	36
RL (dB)	7.7	7.9	8.2	8.8
Freq. (MHz)	201.5	159.0	473.0	410.0
Limit (dB)	9.0	10.0	6.0	6.0

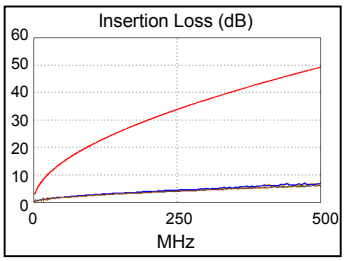
Compliant Network Standards:

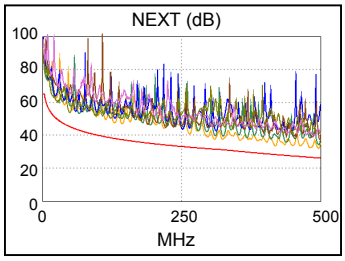
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

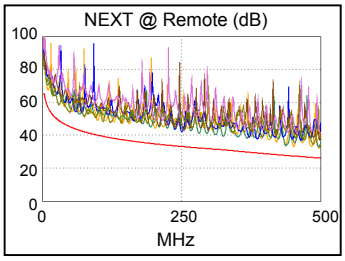


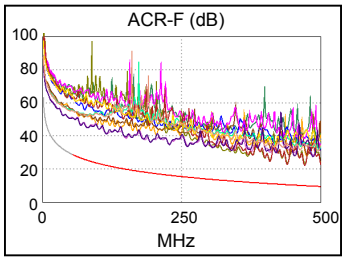
Wire Map (T568A)
PASS

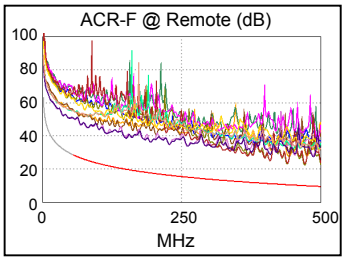


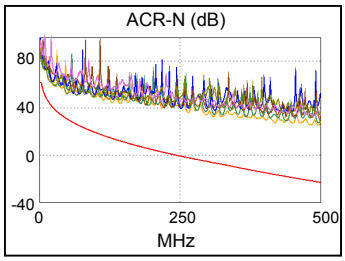


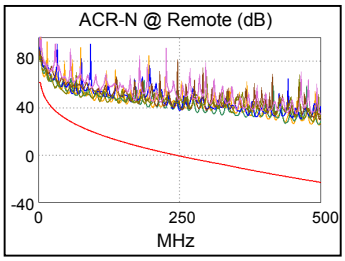


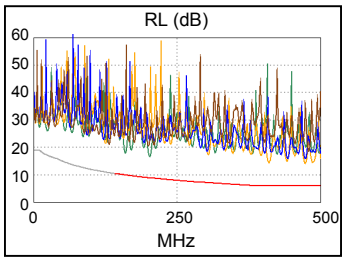


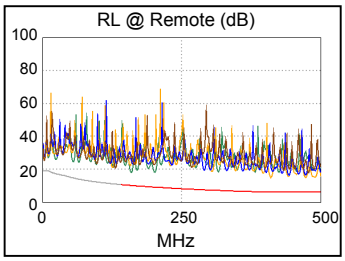












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

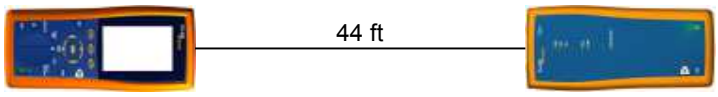
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	15.2	14.6	15.2	15.4
Freq. (MHz)	499.0	438.0	499.0	499.0
Limit (dB)	9.3	10.4	9.3	9.3
Worst Pair	36	36	45	36
PS ACR-F (dB)	17.0	16.9	17.5	16.9
Freq. (MHz)	439.0	499.0	499.0	499.0
Limit (dB)	7.4	6.3	6.3	6.3

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

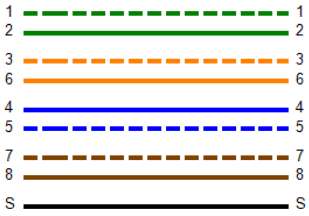
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	78
RL (dB)	8.5	9.1	8.7	9.3
Freq. (MHz)	201.0	200.5	497.0	475.0
Limit (dB)	9.0	9.0	6.0	6.0

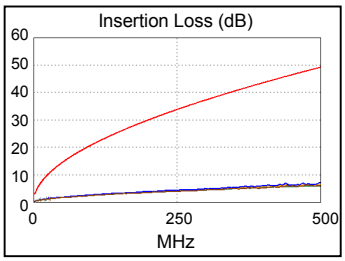
Compliant Network Standards:

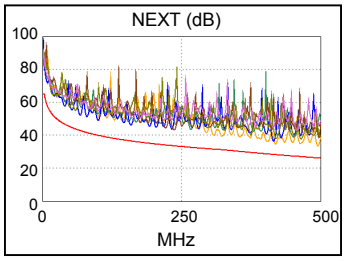
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

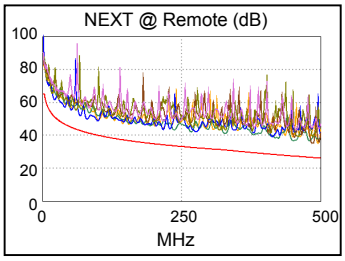


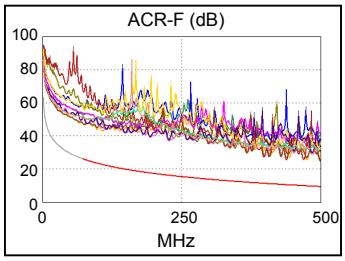
Wire Map (T568A)
PASS

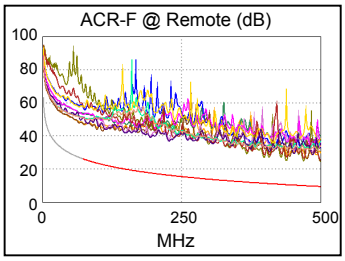


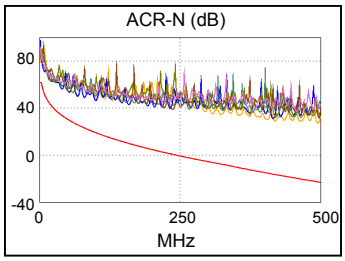


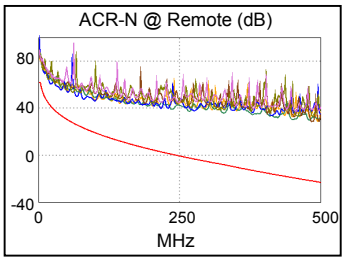


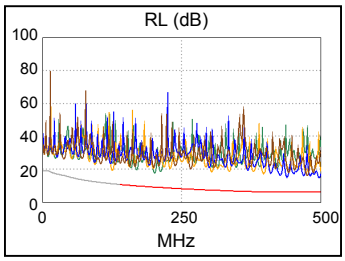


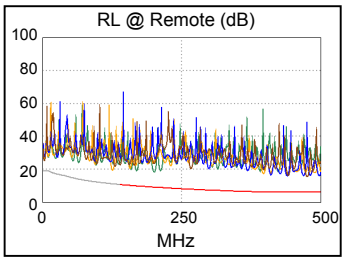












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

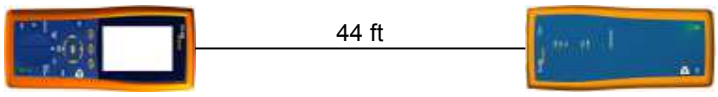
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.9	13.3	13.9	13.3
Freq. (MHz)	398.0	439.0	439.0	439.0
Limit (dB)	11.3	10.4	10.4	10.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	15.7	16.2	15.7	16.2
Freq. (MHz)	440.0	440.0	440.0	440.0
Limit (dB)	7.4	7.4	7.4	7.4

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

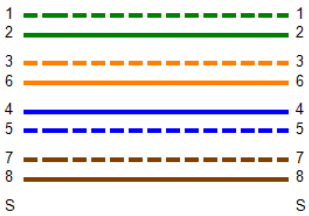
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.6	8.6	7.6	8.6
Freq. (MHz)	481.0	440.0	481.0	440.0
Limit (dB)	6.0	6.0	6.0	6.0

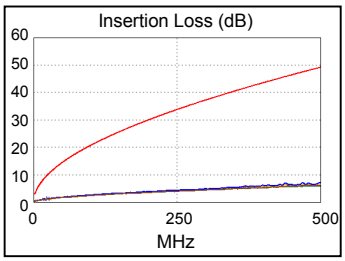
Compliant Network Standards:

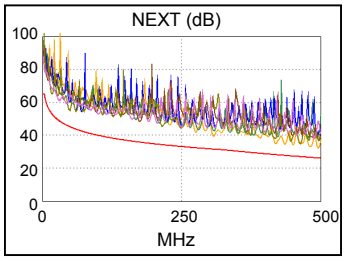
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

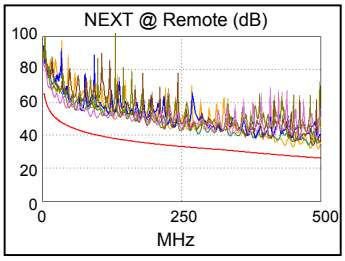


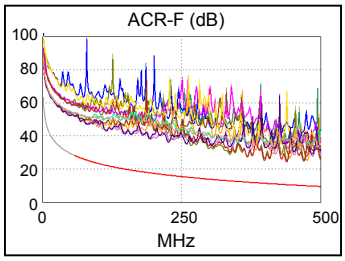
Wire Map (T568A)
PASS

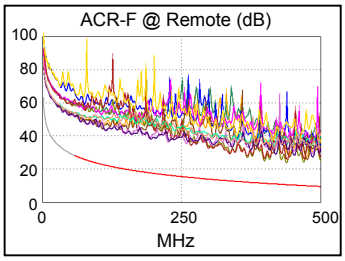


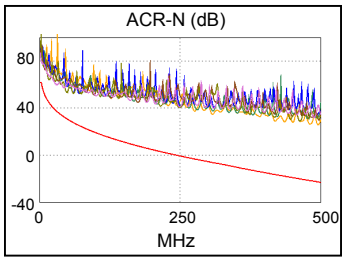


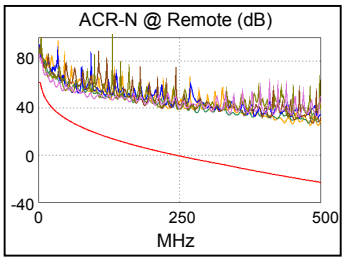


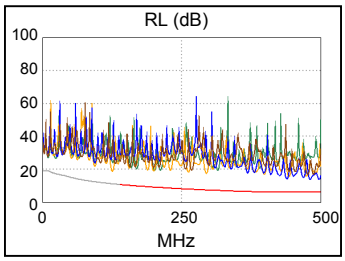


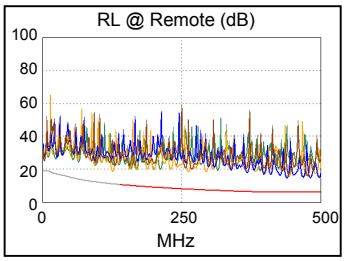












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

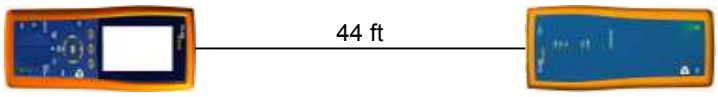
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.1	13.5	14.1	13.5
Freq. (MHz)	471.0	471.0	471.0	471.0
Limit (dB)	9.8	9.8	9.8	9.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	16.2	16.5	16.2	16.5
Freq. (MHz)	472.0	400.0	472.0	471.0
Limit (dB)	6.8	8.2	6.8	6.8

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

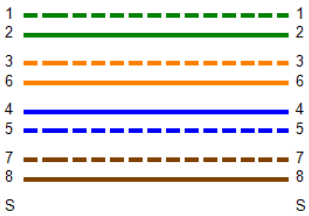
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	45	45	45
RL (dB)	8.6	9.2	9.0	9.2
Freq. (MHz)	202.0	471.0	471.0	471.0
Limit (dB)	8.9	6.0	6.0	6.0

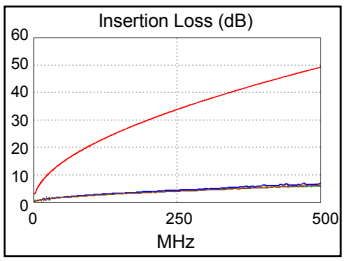
Compliant Network Standards:

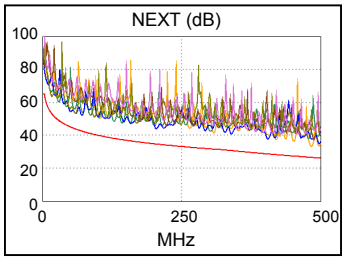
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

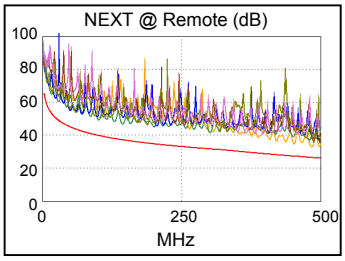


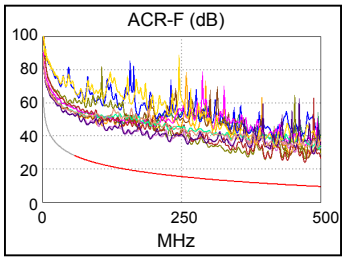
Wire Map (T568A)
PASS

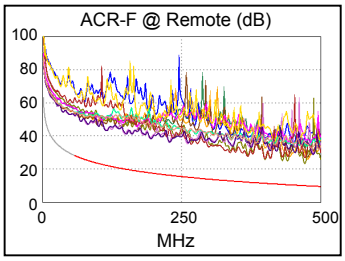


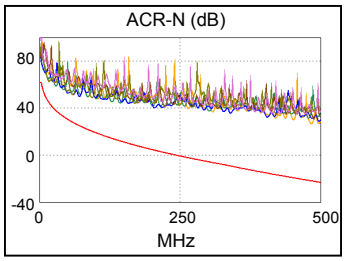


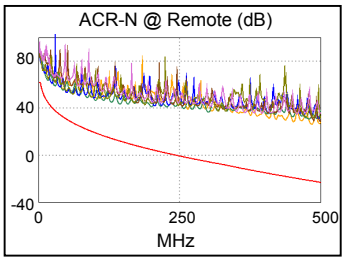


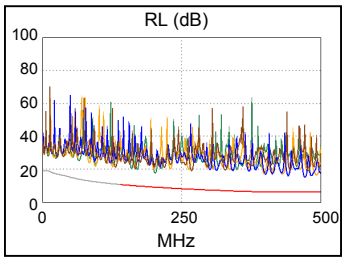


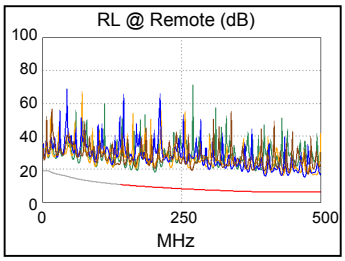












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

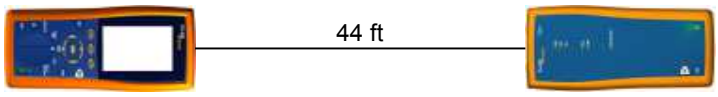
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	12.4	12.4	12.4	12.4
Freq. (MHz)	440.0	471.0	471.0	471.0
Limit (dB)	10.4	9.8	9.8	9.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	14.0	14.9	14.1	15.2
Freq. (MHz)	440.0	440.0	472.0	471.0
Limit (dB)	7.4	7.4	6.8	6.8

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

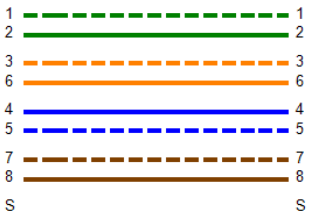
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	36	36
RL (dB)	8.2	7.6	8.4	7.6
Freq. (MHz)	201.5	442.0	473.0	442.0
Limit (dB)	9.0	6.0	6.0	6.0

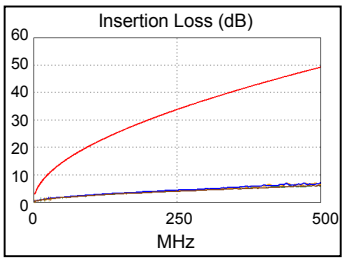
Compliant Network Standards:

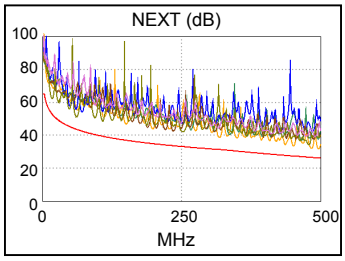
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

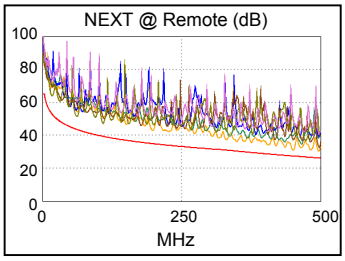


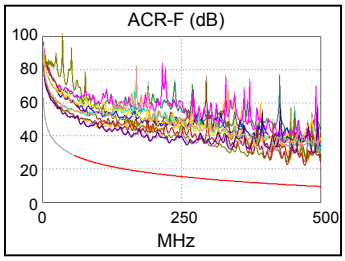
Wire Map (T568A)
PASS

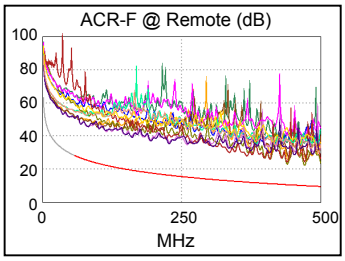


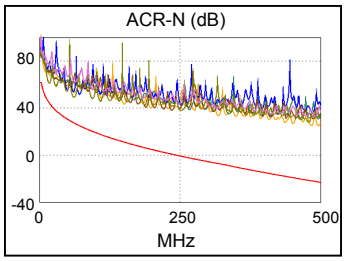


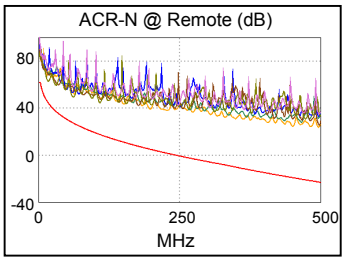


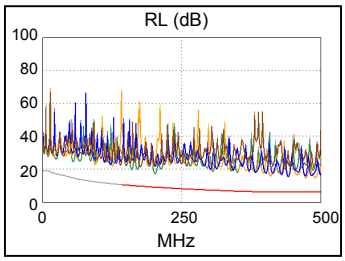


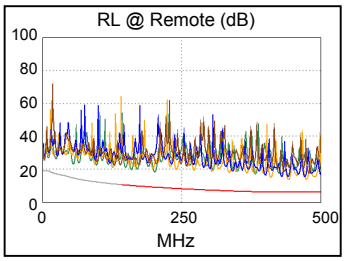












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

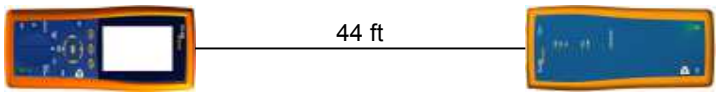
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	14.3	14.4	15.0	14.7
Freq. (MHz)	400.0	400.0	471.0	471.0
Limit (dB)	11.2	11.2	9.8	9.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.7	16.3	17.1	16.6
Freq. (MHz)	400.0	400.0	472.0	441.0
Limit (dB)	8.2	8.2	6.8	7.4

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

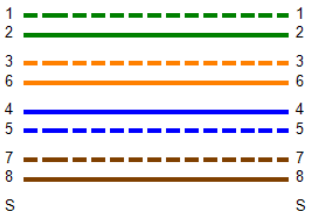
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	9.6	10.2	9.6	10.8
Freq. (MHz)	488.0	157.5	488.0	432.0
Limit (dB)	6.0	10.0	6.0	6.0

Compliant Network Standards:

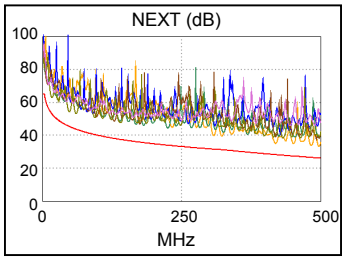
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

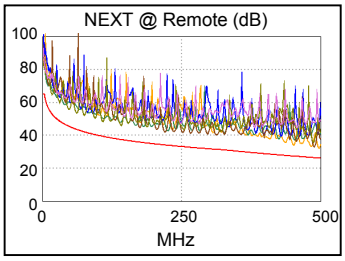


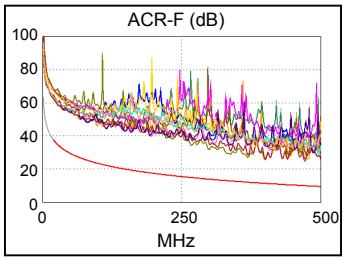
Wire Map (T568A)
PASS

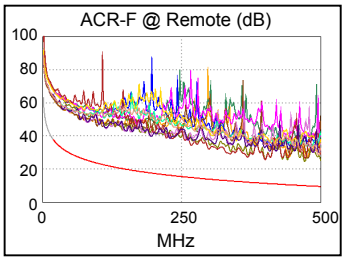


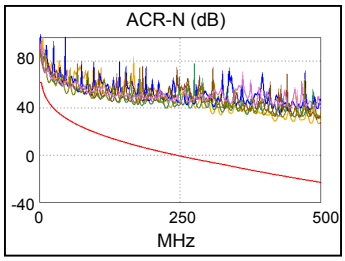


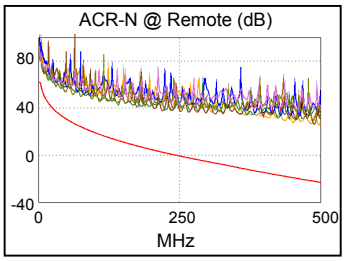


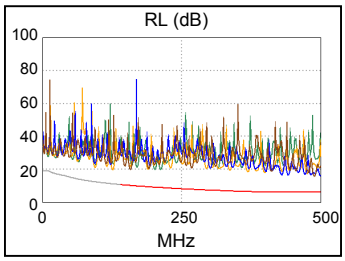


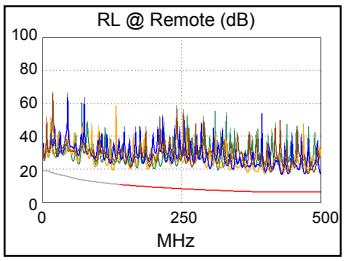












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

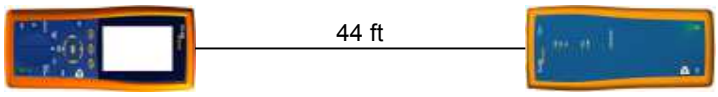
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	12.5	12.7	12.5	12.7
Freq. (MHz)	471.0	439.0	471.0	471.0
Limit (dB)	9.8	10.4	9.8	9.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	14.5	13.9	14.5	14.3
Freq. (MHz)	440.0	440.0	440.0	471.0
Limit (dB)	7.4	7.4	7.4	6.8

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

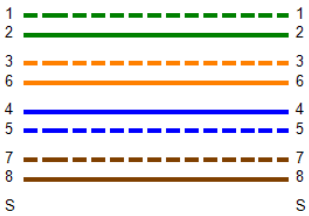
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	7.8	9.3	7.8	9.3
Freq. (MHz)	499.0	441.0	499.0	441.0
Limit (dB)	6.0	6.0	6.0	6.0

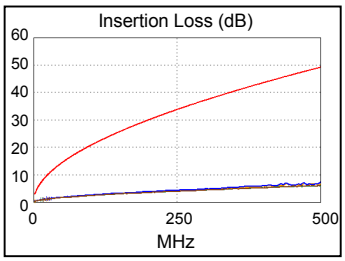
Compliant Network Standards:

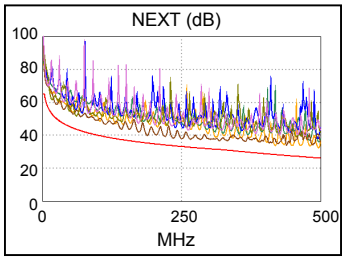
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

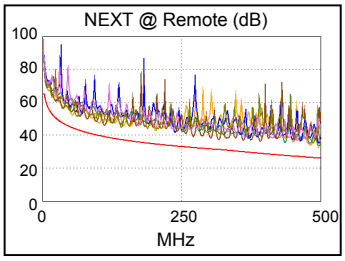


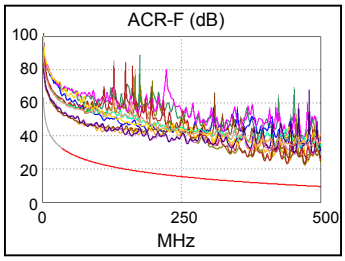
Wire Map (T568A)
PASS

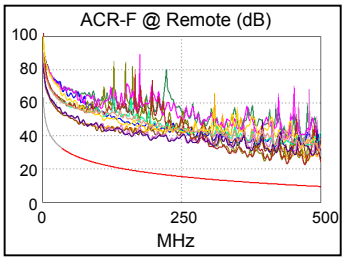


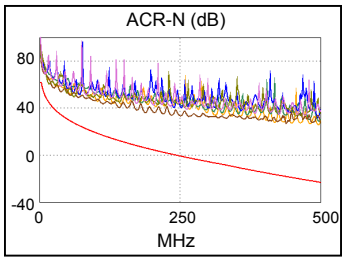


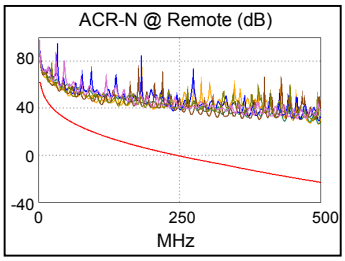


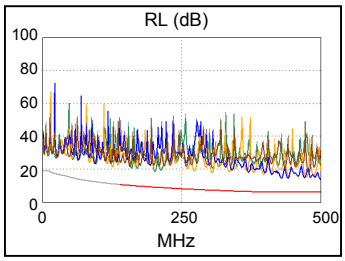


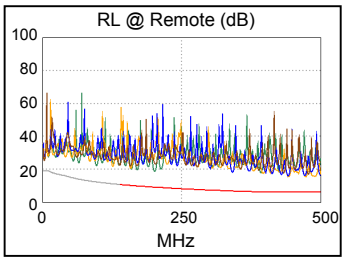












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

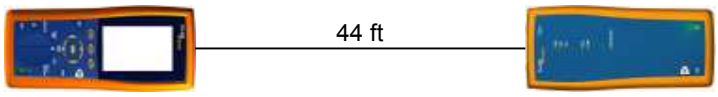
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.0	13.4	13.0	13.4
Freq. (MHz)	469.0	469.0	469.0	469.0
Limit (dB)	9.8	9.8	9.8	9.8
Worst Pair	36	45	36	45
PS ACR-F (dB)	15.7	15.7	15.7	15.7
Freq. (MHz)	470.0	469.0	470.0	469.0
Limit (dB)	6.8	6.8	6.8	6.8

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

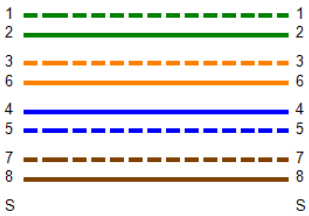
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.4	7.9	8.4	7.9
Freq. (MHz)	471.0	470.0	471.0	470.0
Limit (dB)	6.0	6.0	6.0	6.0

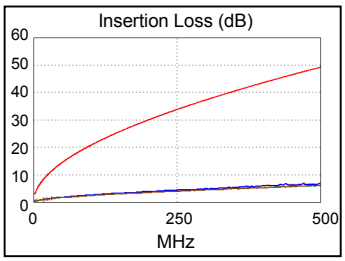
Compliant Network Standards:

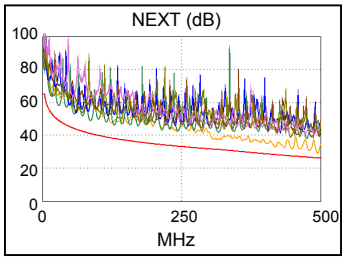
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

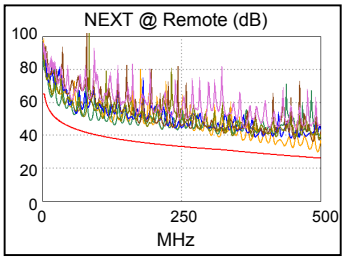


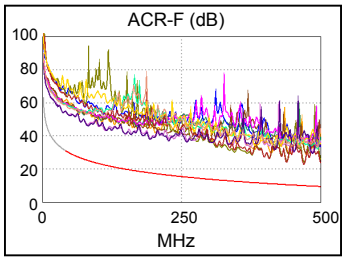
Wire Map (T568A)
PASS

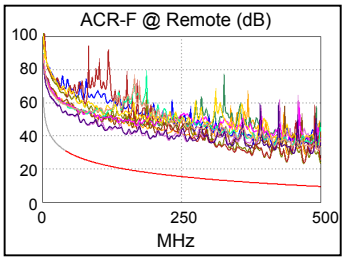


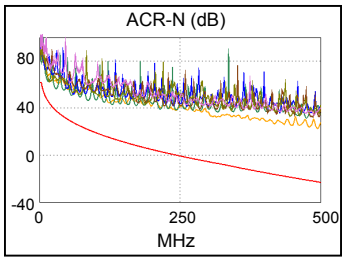


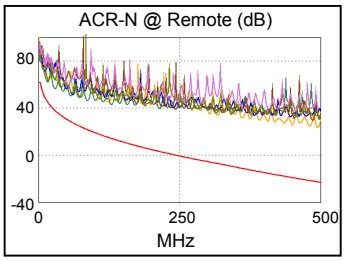


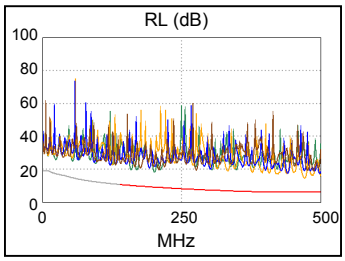


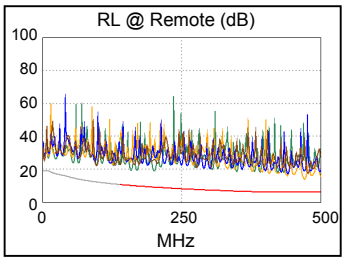












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

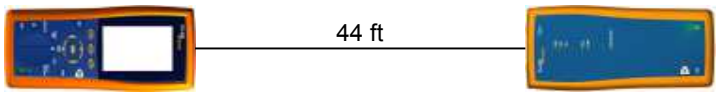
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-36	36-45
ACR-F (dB)	14.8	14.5	15.2	15.0
Freq. (MHz)	399.0	399.0	476.0	470.0
Limit (dB)	11.2	11.2	9.7	9.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.6	17.1	17.1	17.1
Freq. (MHz)	399.0	440.0	471.0	440.0
Limit (dB)	8.2	7.4	6.8	7.4

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

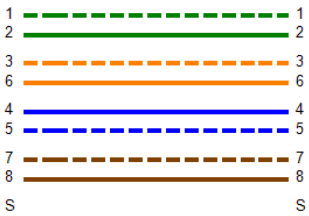
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	7.9	8.9	7.9	9.7
Freq. (MHz)	486.0	157.5	486.0	477.0
Limit (dB)	6.0	10.0	6.0	6.0

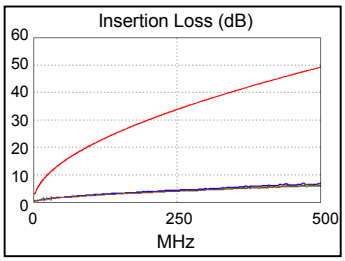
Compliant Network Standards:

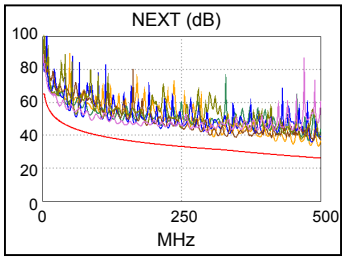
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

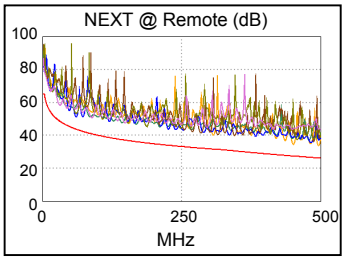


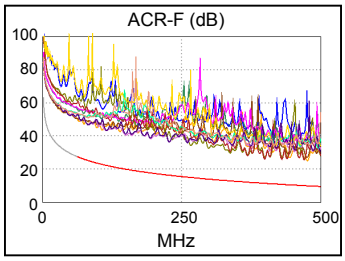
Wire Map (T568A)
PASS

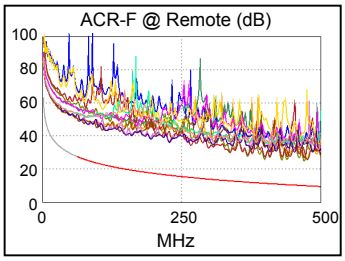


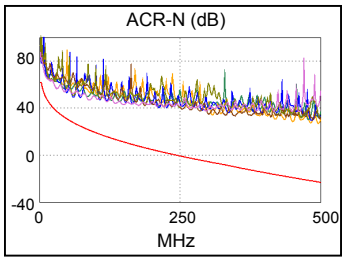


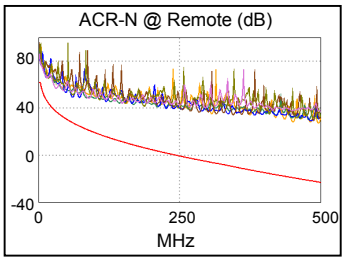


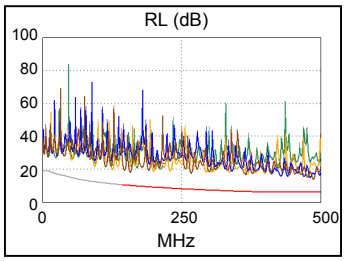


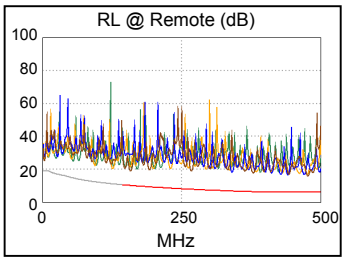












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

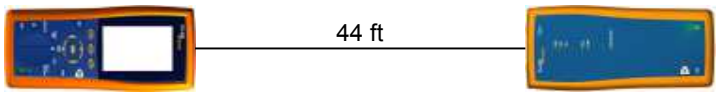
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.1	13.9	14.1	13.9
Freq. (MHz)	472.0	471.0	472.0	471.0
Limit (dB)	9.8	9.8	9.8	9.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	16.1	16.4	16.1	16.6
Freq. (MHz)	472.0	400.0	472.0	472.0
Limit (dB)	6.8	8.2	6.8	6.8

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

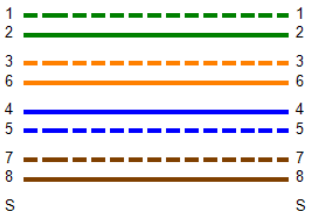
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	9.4	9.2	9.4	9.2
Freq. (MHz)	483.0	476.0	483.0	476.0
Limit (dB)	6.0	6.0	6.0	6.0

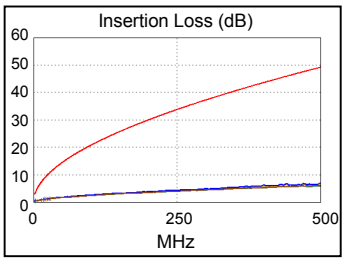
Compliant Network Standards:

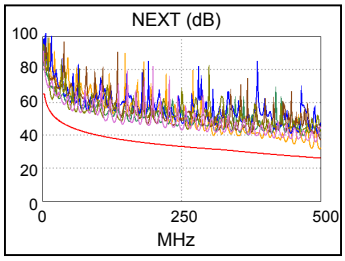
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

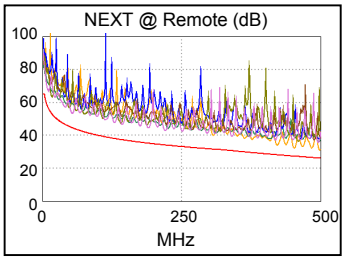


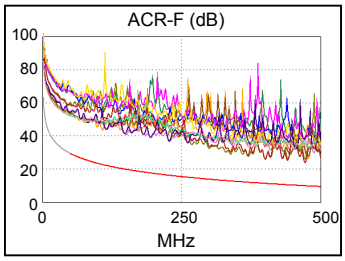
Wire Map (T568A)
PASS

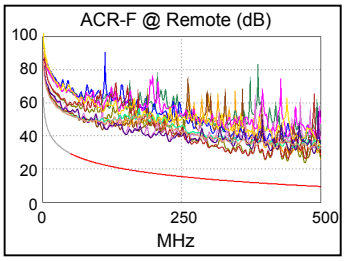


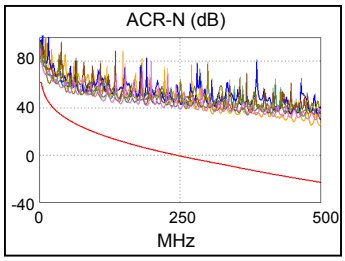


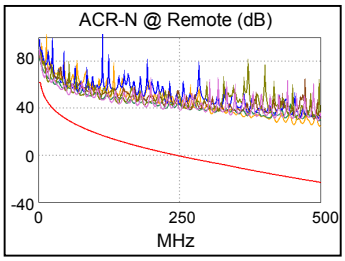


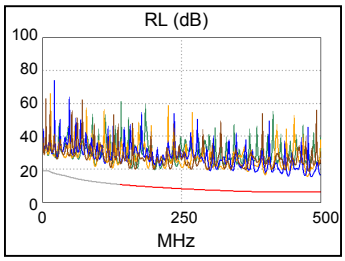


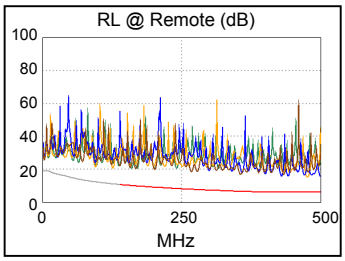












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

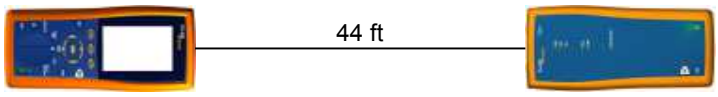
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.7	13.4	13.7	13.4
Freq. (MHz)	398.0	399.0	399.0	399.0
Limit (dB)	11.3	11.2	11.2	11.2
Worst Pair	36	45	36	36
PS ACR-F (dB)	16.0	16.6	16.7	18.4
Freq. (MHz)	398.0	398.0	439.0	499.0
Limit (dB)	8.3	8.3	7.4	6.3

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

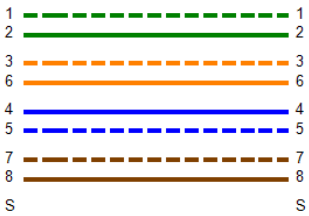
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	8.3	8.5	8.3	8.5
Freq. (MHz)	476.0	497.0	476.0	497.0
Limit (dB)	6.0	6.0	6.0	6.0

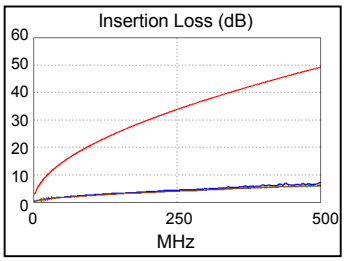
Compliant Network Standards:

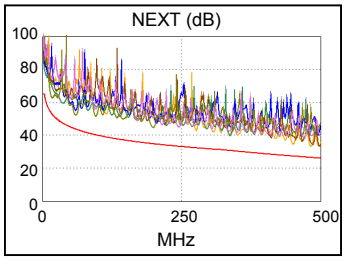
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

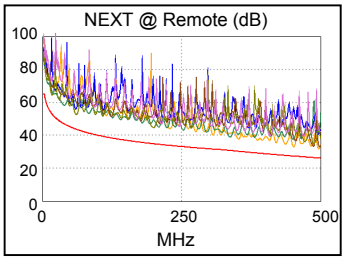


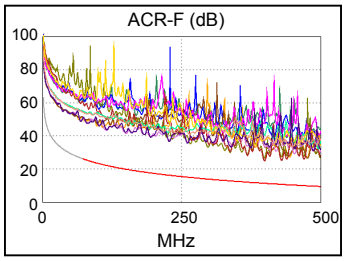
Wire Map (T568A)
PASS

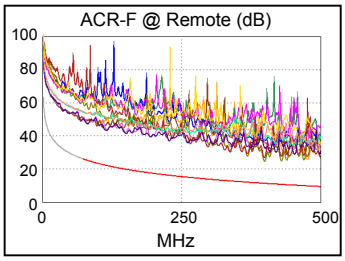


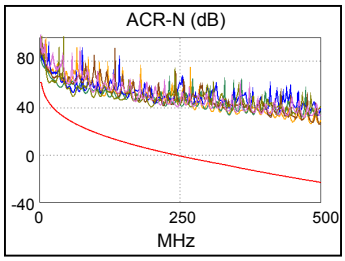


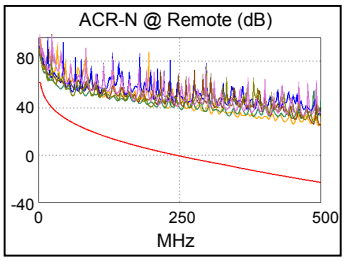


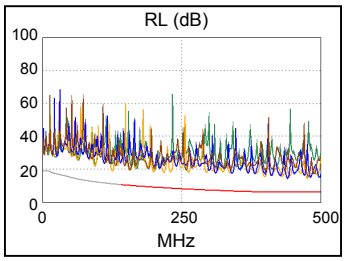


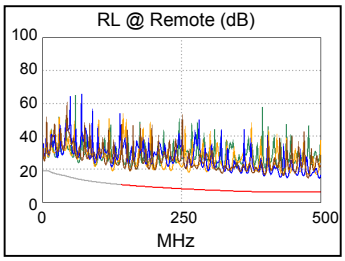












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

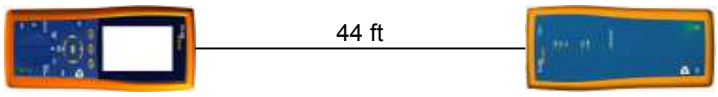
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	14.2	13.8	14.2	13.8
Freq. (MHz)	400.0	471.0	471.0	471.0
Limit (dB)	11.2	9.8	9.8	9.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	16.2	16.4	16.2	16.8
Freq. (MHz)	473.0	400.0	473.0	471.0
Limit (dB)	6.8	8.2	6.8	6.8

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

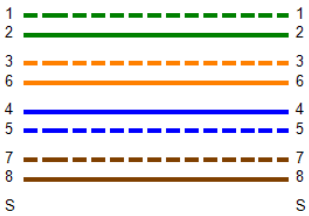
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.7	8.6	7.7	8.6
Freq. (MHz)	499.0	441.0	499.0	441.0
Limit (dB)	6.0	6.0	6.0	6.0

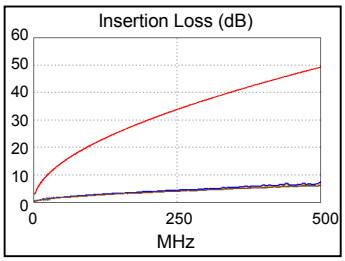
Compliant Network Standards:

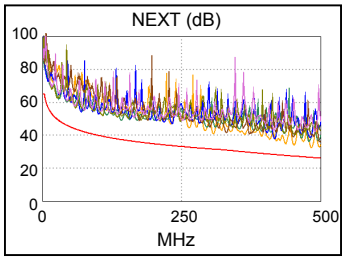
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

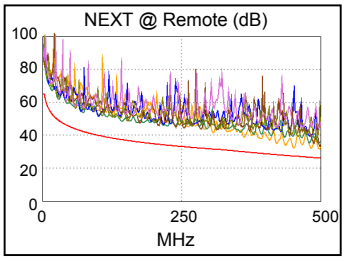


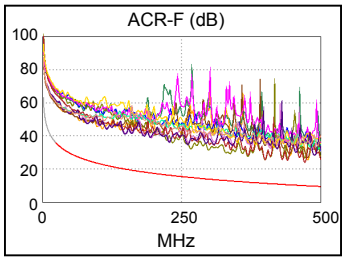
Wire Map (T568A)
PASS

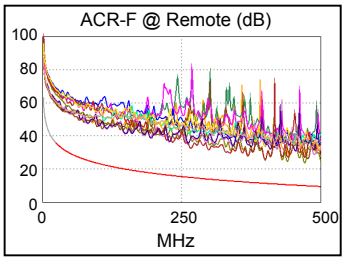


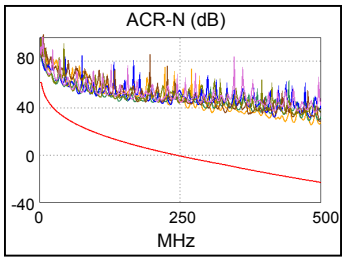


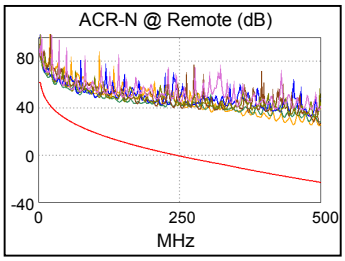


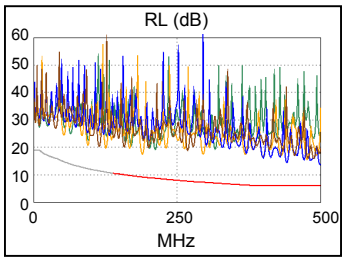


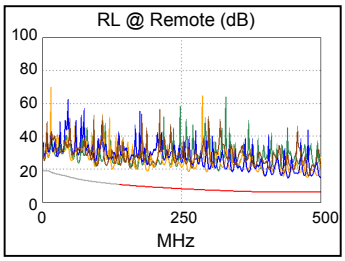












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

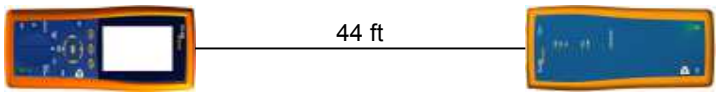
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.4	14.0	15.0	14.7
Freq. (MHz)	399.0	399.0	470.0	470.0
Limit (dB)	11.2	11.2	9.8	9.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	15.6	16.5	15.6	17.1
Freq. (MHz)	440.0	399.0	440.0	471.0
Limit (dB)	7.4	8.2	7.4	6.8

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

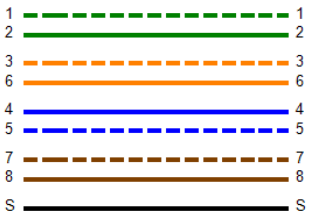
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	78
RL (dB)	8.3	8.7	9.9	9.9
Freq. (MHz)	156.5	157.5	441.0	477.0
Limit (dB)	10.1	10.0	6.0	6.0

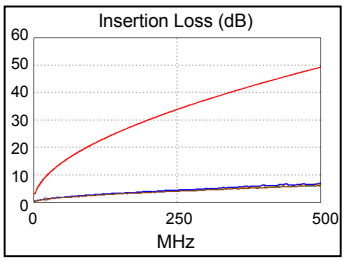
Compliant Network Standards:

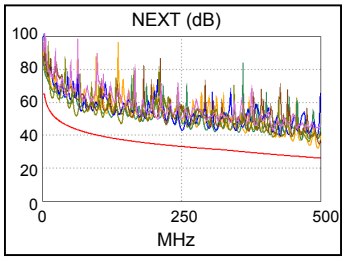
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

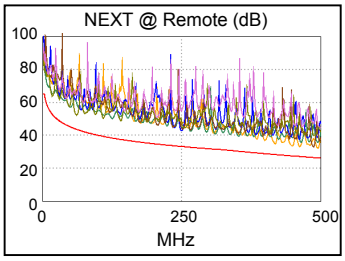


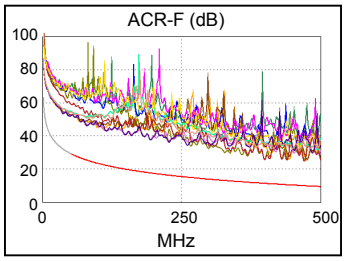
Wire Map (T568A)
PASS

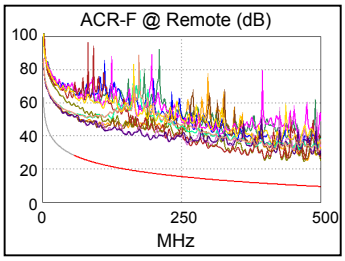


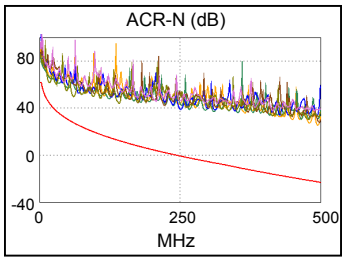


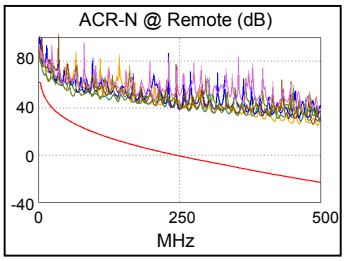


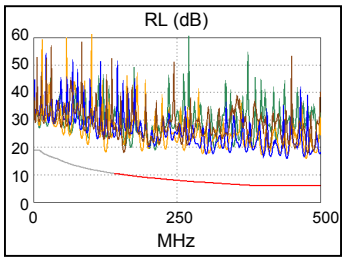


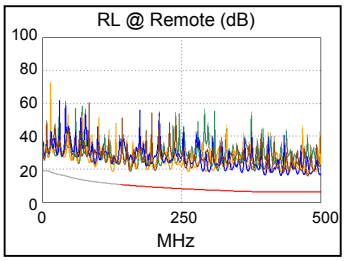












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

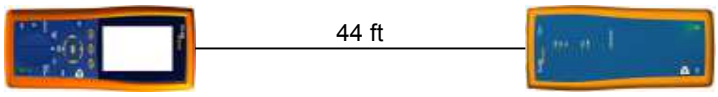
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	12-36
ACR-F (dB)	14.1	13.8	14.1	15.1
Freq. (MHz)	399.0	399.0	399.0	476.0
Limit (dB)	11.2	11.2	11.2	9.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.2	16.6	16.3	16.6
Freq. (MHz)	399.0	440.0	439.0	440.0
Limit (dB)	8.2	7.4	7.4	7.4

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

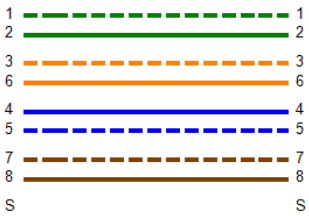
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	9.5	9.7	9.5	9.7
Freq. (MHz)	441.0	443.0	441.0	443.0
Limit (dB)	6.0	6.0	6.0	6.0

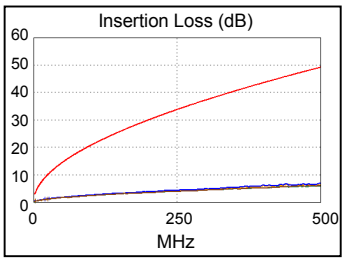
Compliant Network Standards:

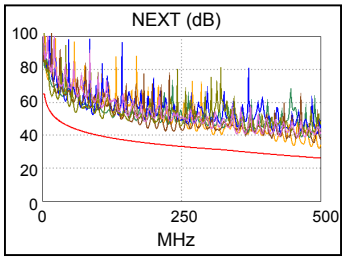
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

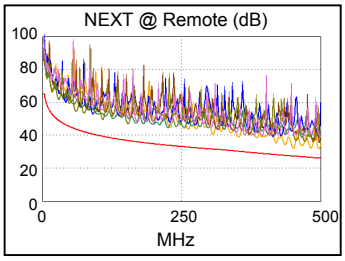


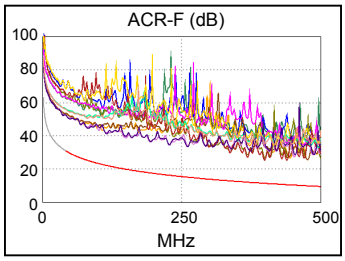
Wire Map (T568A)
PASS

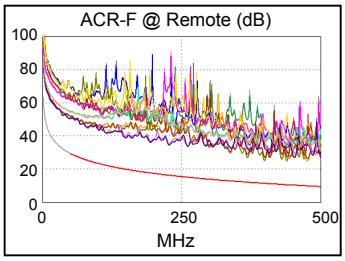


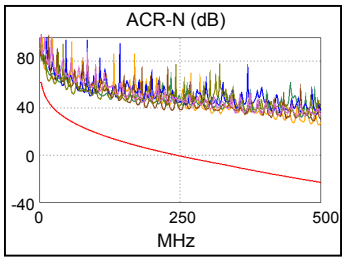


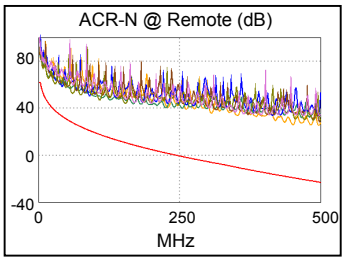


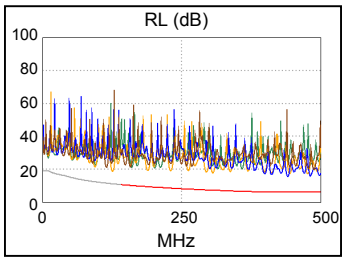


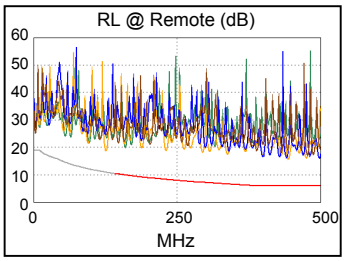












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

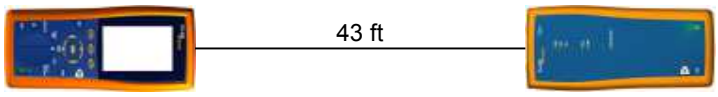
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	14.5	14.2	14.5	14.2
Freq. (MHz)	400.0	471.0	471.0	471.0
Limit (dB)	11.2	9.8	9.8	9.8
Worst Pair	45	36	36	45
PS ACR-F (dB)	16.6	16.7	16.7	16.8
Freq. (MHz)	400.0	400.0	472.0	471.0
Limit (dB)	8.2	8.2	6.8	6.8

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

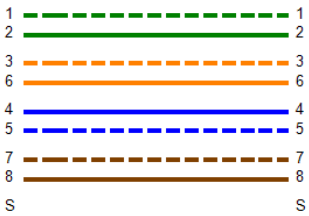
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
RL (dB)	9.7	9.1	10.3	9.7
Freq. (MHz)	295.0	157.5	474.0	430.0
Limit (dB)	7.3	10.0	6.0	6.0

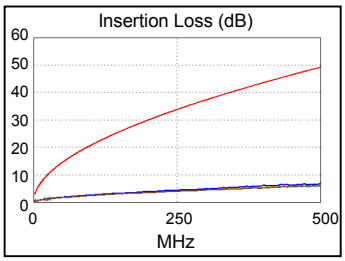
Compliant Network Standards:

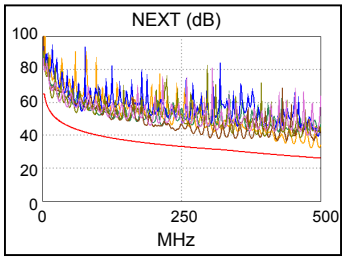
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

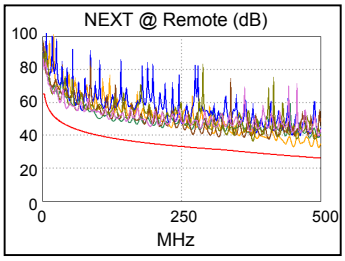


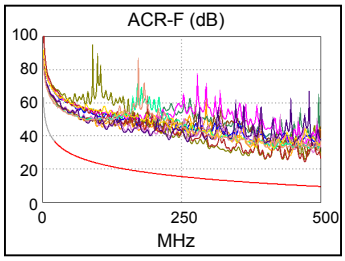
Wire Map (T568A)
PASS

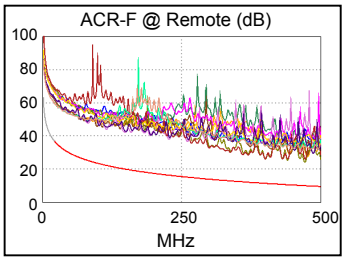


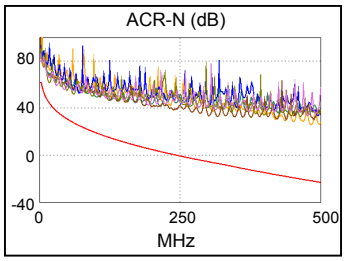


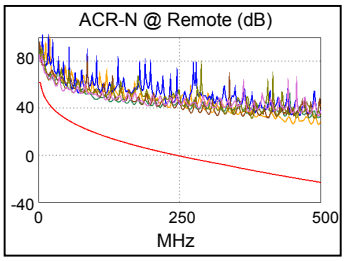


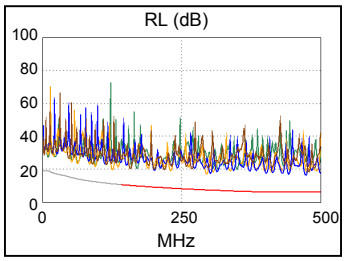


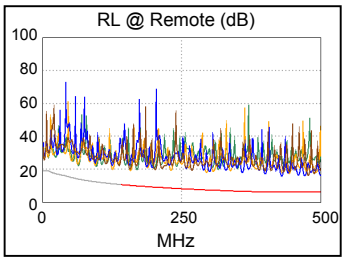












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

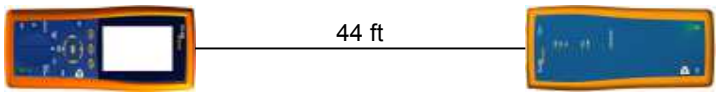
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.3	13.2	13.3	13.7
Freq. (MHz)	440.0	440.0	440.0	471.0
Limit (dB)	10.4	10.4	10.4	9.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	14.6	15.7	15.2	15.7
Freq. (MHz)	441.0	441.0	474.0	441.0
Limit (dB)	7.4	7.4	6.7	7.4

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

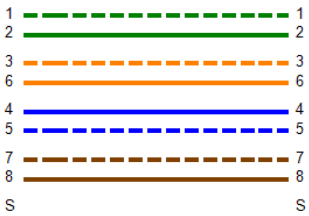
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.8	8.5	8.8	8.5
Freq. (MHz)	444.0	443.0	444.0	443.0
Limit (dB)	6.0	6.0	6.0	6.0

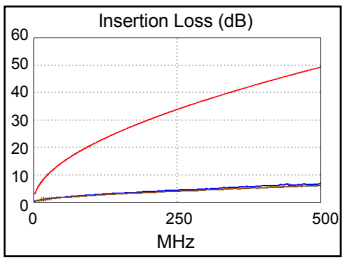
Compliant Network Standards:

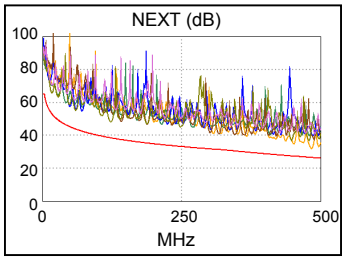
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

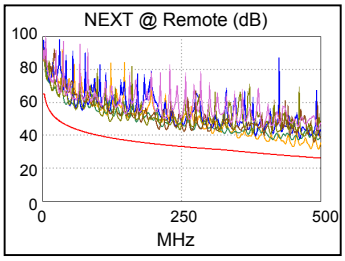


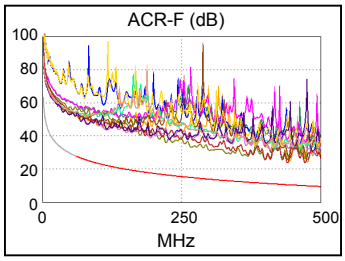
Wire Map (T568A)
PASS

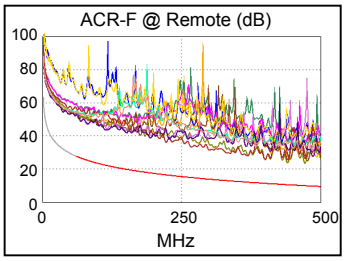


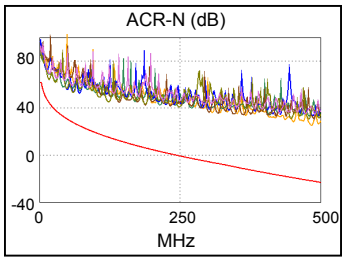


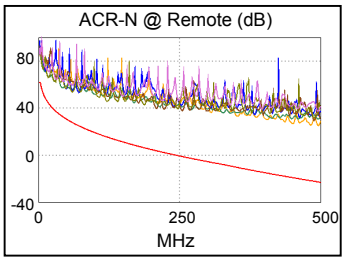


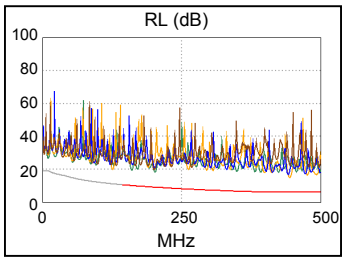


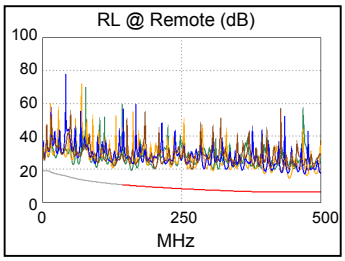












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

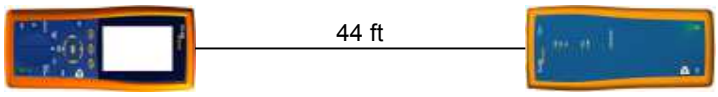
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-36	36-45
ACR-F (dB)	15.0	14.6	15.5	14.8
Freq. (MHz)	399.0	399.0	476.0	470.0
Limit (dB)	11.2	11.2	9.7	9.8
Worst Pair	36	45	36	36
PS ACR-F (dB)	16.9	16.9	17.1	17.4
Freq. (MHz)	400.0	399.0	471.0	471.0
Limit (dB)	8.2	8.2	6.8	6.8

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

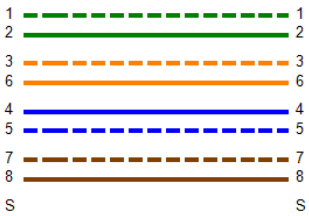
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	78	45
RL (dB)	7.6	8.9	7.6	8.9
Freq. (MHz)	487.0	499.0	487.0	499.0
Limit (dB)	6.0	6.0	6.0	6.0

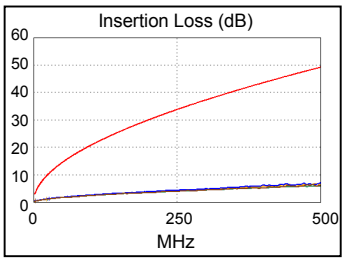
Compliant Network Standards:

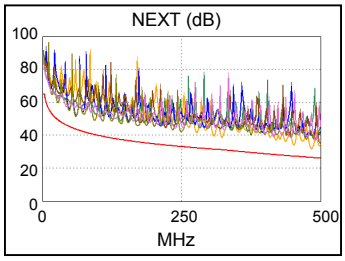
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

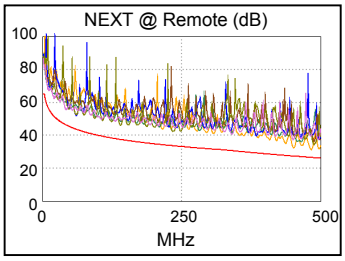


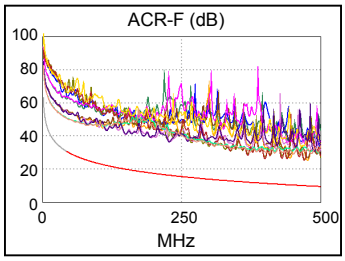
Wire Map (T568A)
PASS

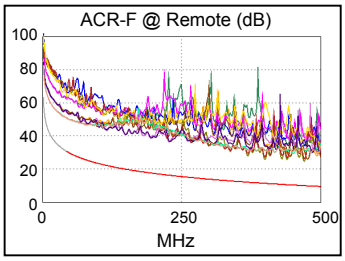


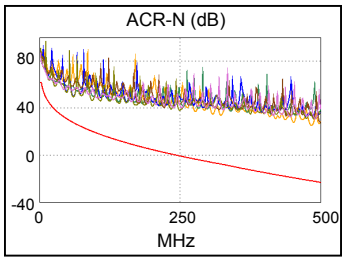


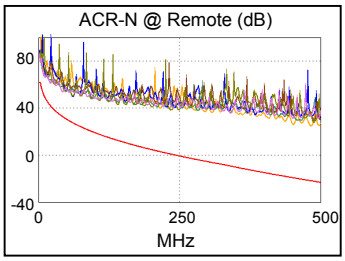


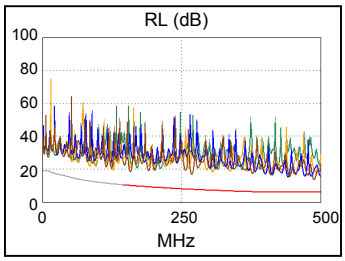


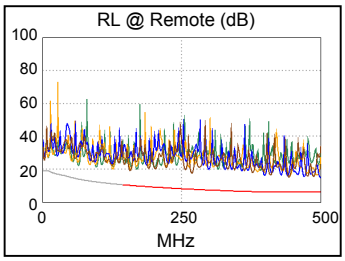












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

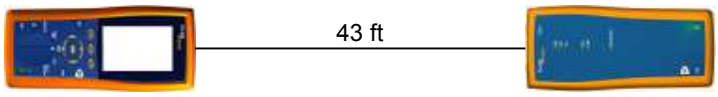
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-36	12-36
ACR-F (dB)	13.5	13.3	13.7	13.6
Freq. (MHz)	400.0	400.0	476.0	477.0
Limit (dB)	11.2	11.2	9.7	9.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	14.8	16.0	14.8	16.3
Freq. (MHz)	473.0	400.0	473.0	475.0
Limit (dB)	6.8	8.2	6.8	6.7

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

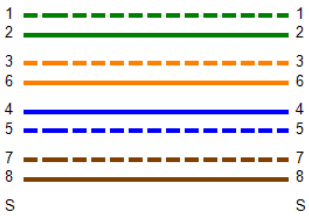
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.8	8.9	8.8	8.9
Freq. (MHz)	476.0	443.0	476.0	443.0
Limit (dB)	6.0	6.0	6.0	6.0

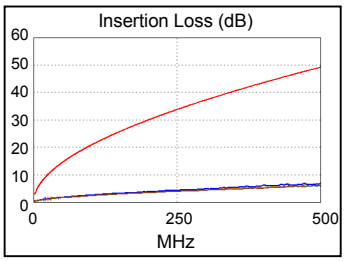
Compliant Network Standards:

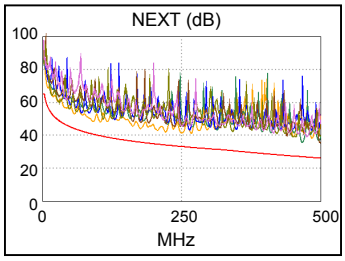
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

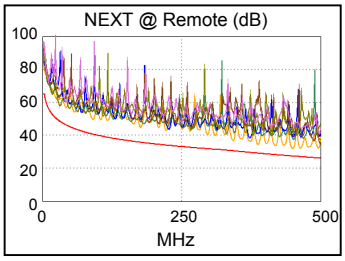


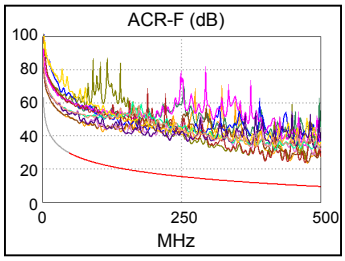
Wire Map (T568A)
PASS

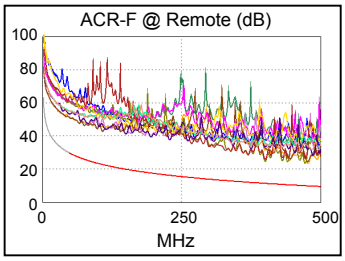


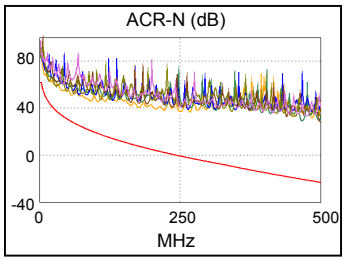


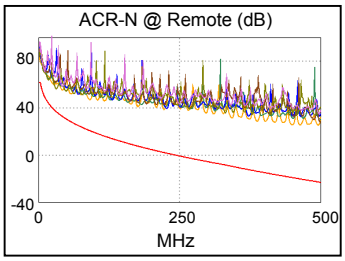


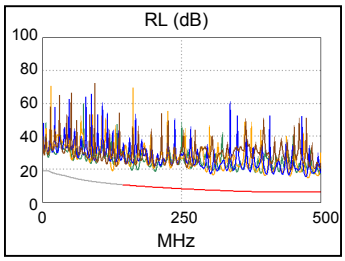


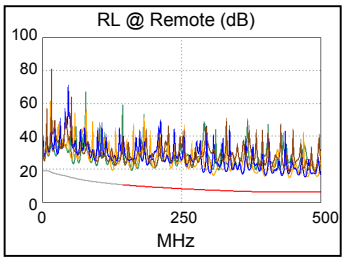












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

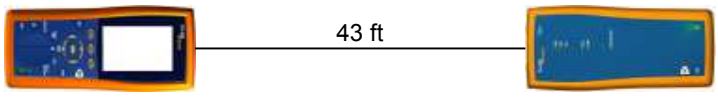
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.3	14.0	14.3	14.5
Freq. (MHz)	441.0	440.0	441.0	472.0
Limit (dB)	10.4	10.4	10.4	9.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	16.4	17.0	16.4	17.5
Freq. (MHz)	441.0	401.0	441.0	472.0
Limit (dB)	7.4	8.2	7.4	6.8

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

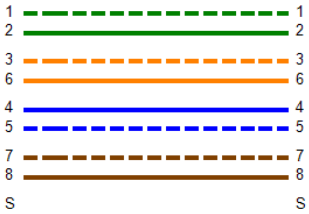
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	45	45
RL (dB)	9.3	9.3	9.3	9.9
Freq. (MHz)	442.0	160.0	442.0	499.0
Limit (dB)	6.0	10.0	6.0	6.0

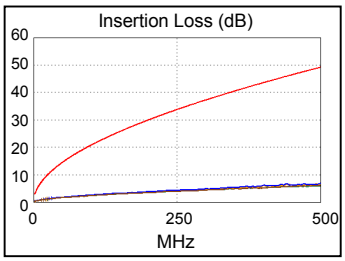
Compliant Network Standards:

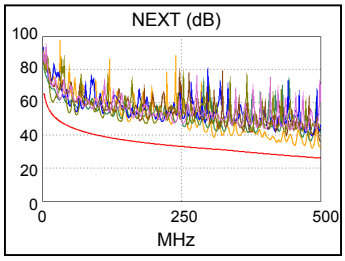
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

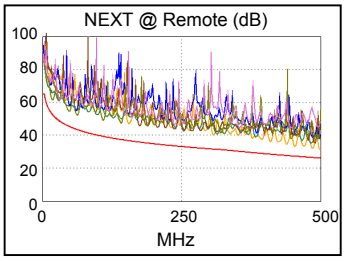


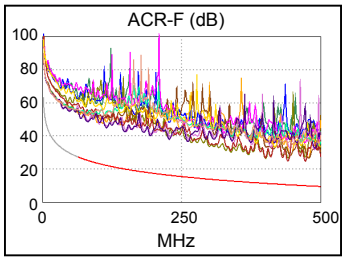
Wire Map (T568A)
PASS

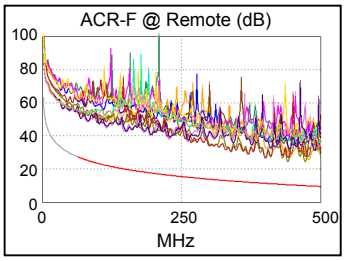


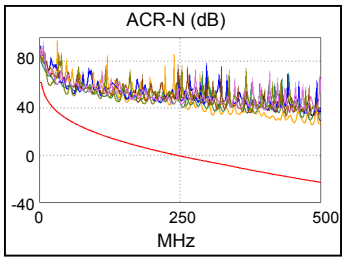


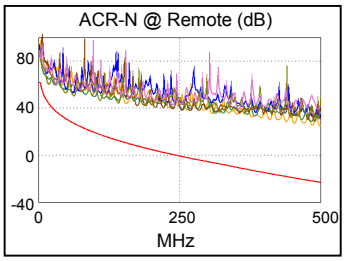


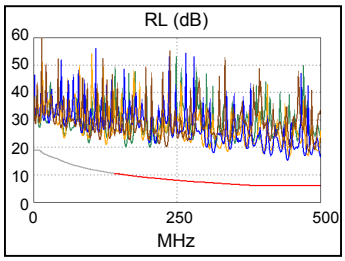


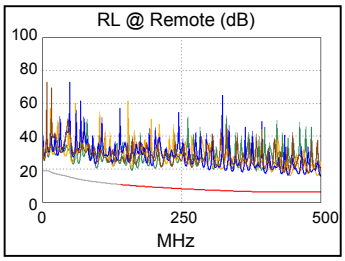












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

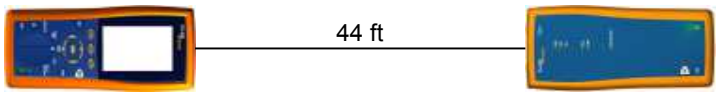
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-36	36-45
ACR-F (dB)	15.0	14.8	15.5	15.1
Freq. (MHz)	398.0	399.0	476.0	470.0
Limit (dB)	11.3	11.2	9.7	9.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	16.9	17.4	17.9	17.9
Freq. (MHz)	399.0	399.0	470.0	470.0
Limit (dB)	8.2	8.2	6.8	6.8

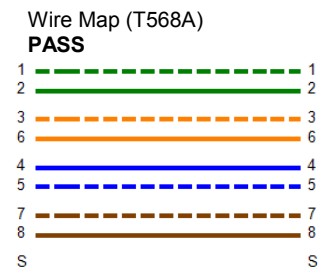
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	12-36
ACR-N (dB)	17.1	18.4	48.8	47.8
Freq. (MHz)	3.0	3.0	496.0	495.0
Limit (dB)	61.4	61.4	-22.9	-22.8
Worst Pair	12	12	36	12
PS ACR-N (dB)	18.3	19.1	50.0	49.5
Freq. (MHz)	3.0	3.0	497.0	495.0
Limit (dB)	58.4	58.4	-25.8	-25.7

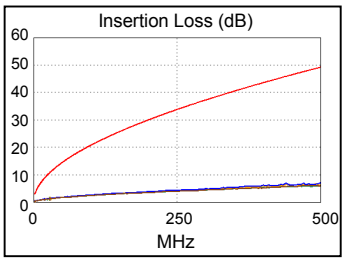
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	8.5	9.5	8.5	9.5
Freq. (MHz)	440.0	475.0	440.0	475.0
Limit (dB)	6.0	6.0	6.0	6.0

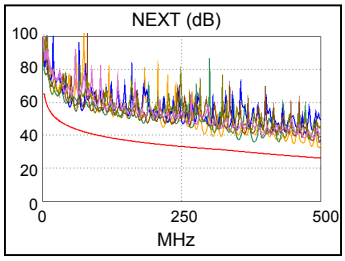
Compliant Network Standards:

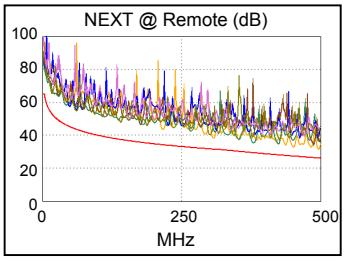
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

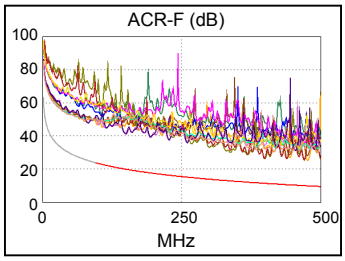


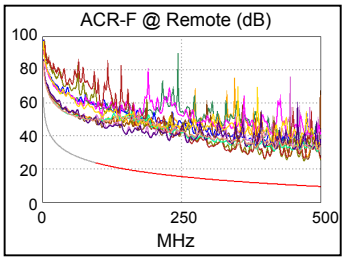


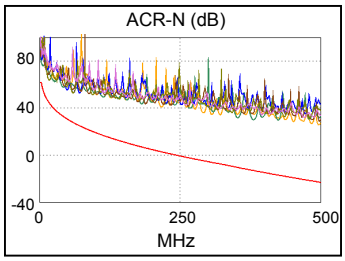


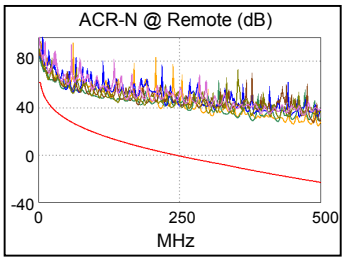


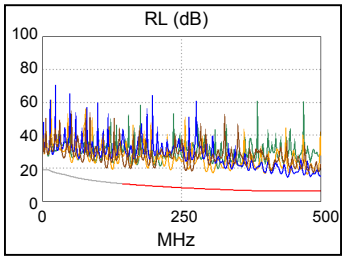


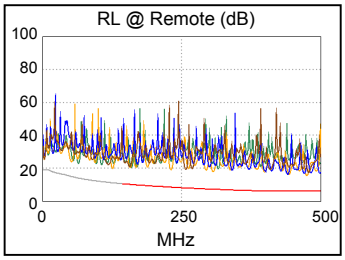












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

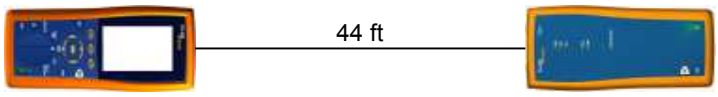
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-36	36-45
ACR-F (dB)	14.5	14.3	15.4	14.7
Freq. (MHz)	399.0	399.0	476.0	470.0
Limit (dB)	11.2	11.2	9.7	9.8
Worst Pair	36	45	36	45
PS ACR-F (dB)	16.7	16.9	17.0	17.5
Freq. (MHz)	399.0	399.0	471.0	470.0
Limit (dB)	8.2	8.2	6.8	6.8

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

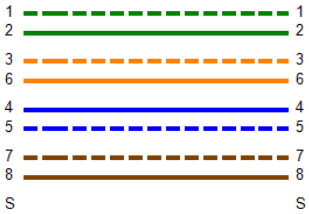
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	78
RL (dB)	8.9	7.9	8.9	8.5
Freq. (MHz)	476.0	268.0	476.0	477.0
Limit (dB)	6.0	7.7	6.0	6.0

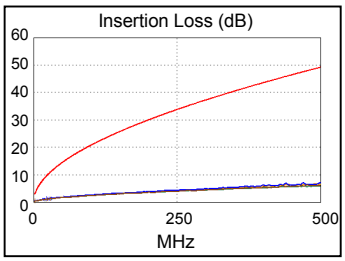
Compliant Network Standards:

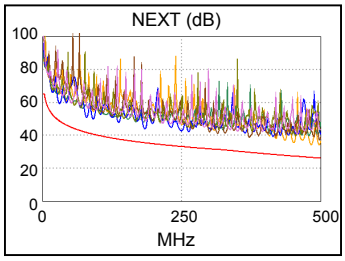
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

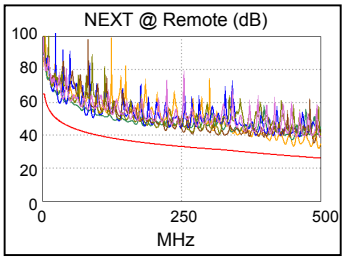


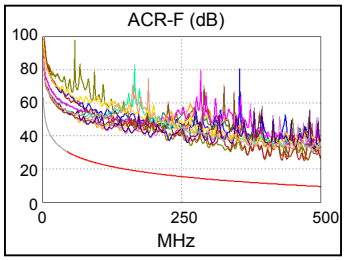
Wire Map (T568A)
PASS

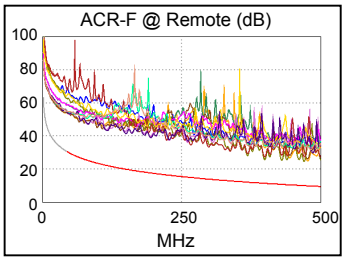


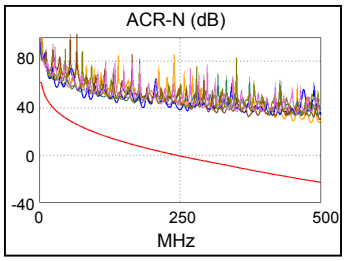


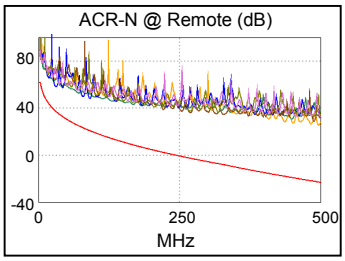


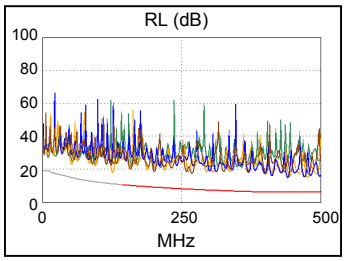


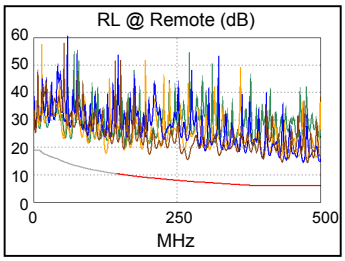












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

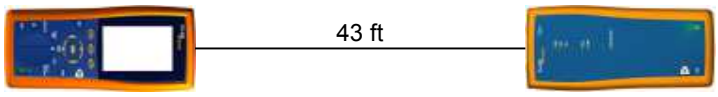
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	13.7	13.6	14.0	13.9
Freq. (MHz)	441.0	441.0	473.0	473.0
Limit (dB)	10.4	10.4	9.8	9.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	15.4	15.3	15.6	15.8
Freq. (MHz)	441.0	441.0	474.0	473.0
Limit (dB)	7.4	7.4	6.7	6.8

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

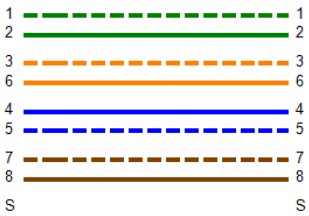
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	9.4	8.9	9.4	8.9
Freq. (MHz)	493.0	492.0	493.0	492.0
Limit (dB)	6.0	6.0	6.0	6.0

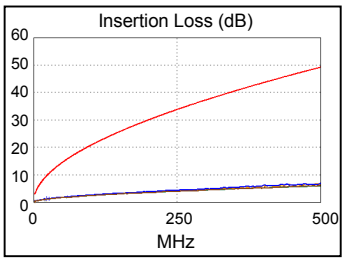
Compliant Network Standards:

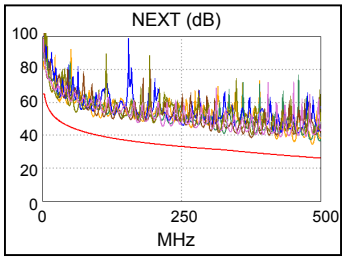
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

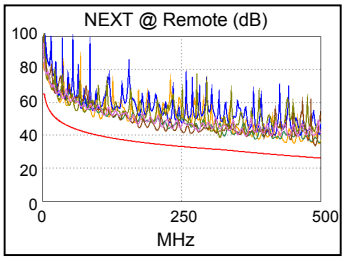


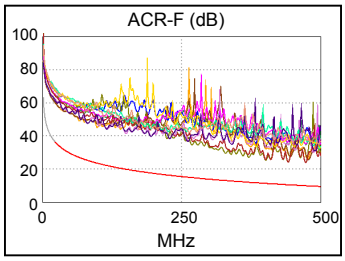
Wire Map (T568A)
PASS

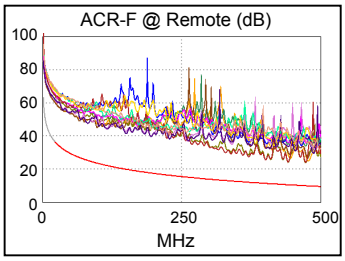


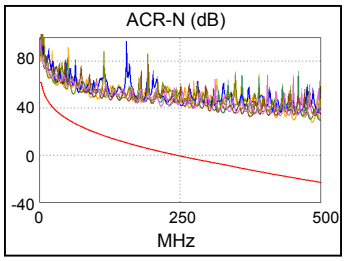


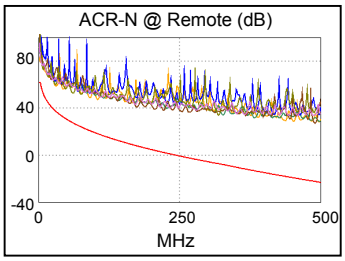


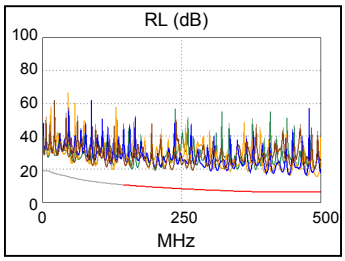


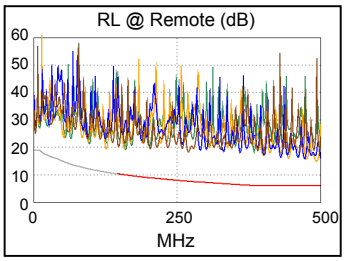












LinkWare™ PC Version 10.0

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

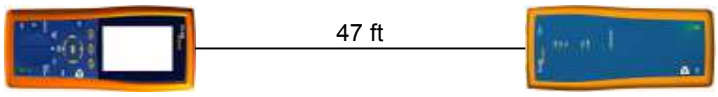
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.6	13.5	13.6	13.5
Freq. (MHz)	403.0	403.0	403.0	403.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	45	36	45
PS ACR-F (dB)	15.7	16.1	15.7	16.1
Freq. (MHz)	404.0	403.0	404.0	403.0
Limit (dB)	8.1	8.2	8.1	8.2

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

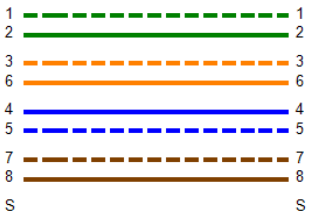
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.0	7.1	7.0	7.1
Freq. (MHz)	442.0	441.0	442.0	441.0
Limit (dB)	6.0	6.0	6.0	6.0

Compliant Network Standards:

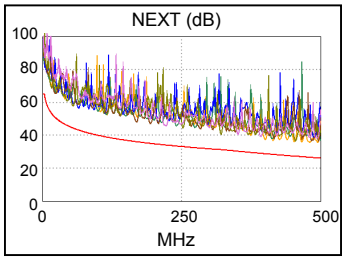
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

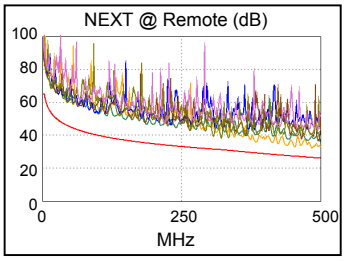


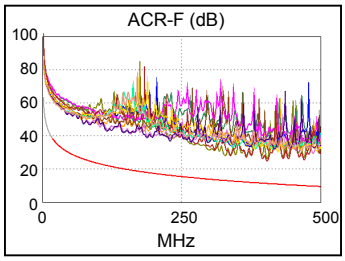
Wire Map (T568A)
PASS

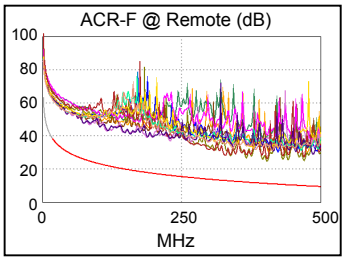


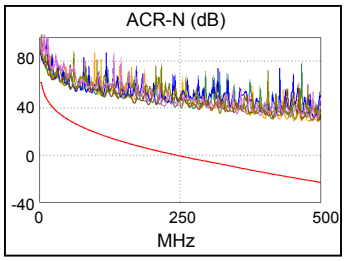


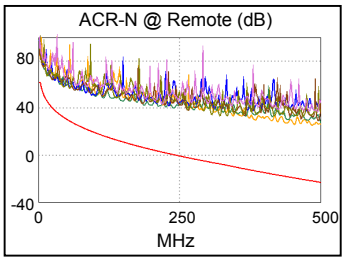


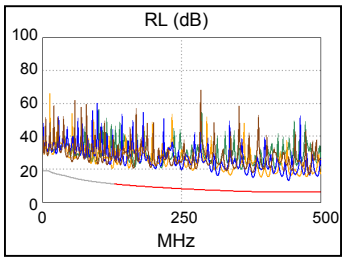


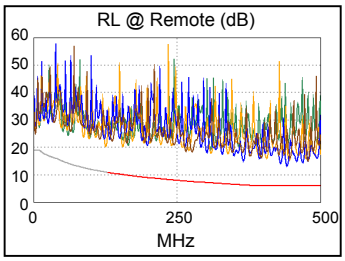












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

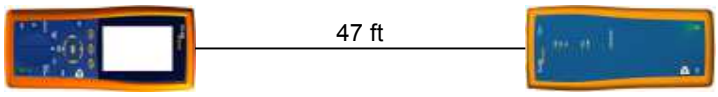
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.9	14.2	14.9	14.2
Freq. (MHz)	432.0	432.0	432.0	432.0
Limit (dB)	10.5	10.5	10.5	10.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	16.6	17.1	16.6	17.5
Freq. (MHz)	432.0	404.0	432.0	432.0
Limit (dB)	7.5	8.1	7.5	7.5

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

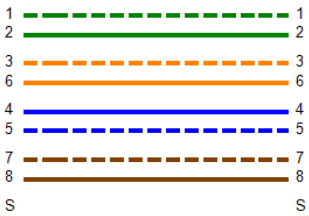
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.7	7.9	7.7	7.9
Freq. (MHz)	480.0	430.0	480.0	430.0
Limit (dB)	6.0	6.0	6.0	6.0

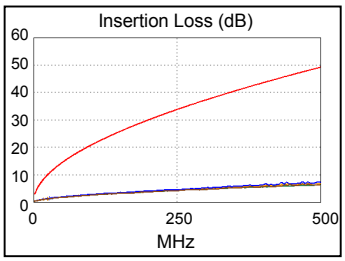
Compliant Network Standards:

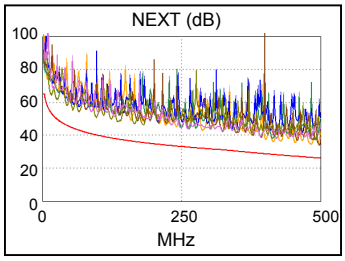
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

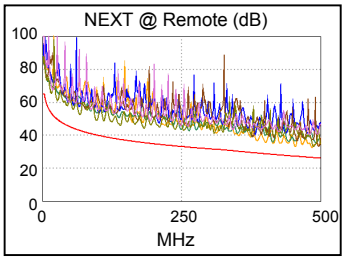


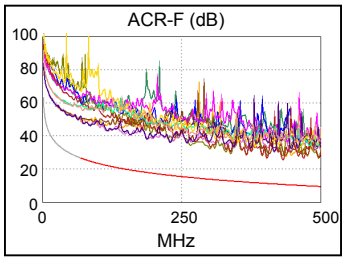
Wire Map (T568A)
PASS

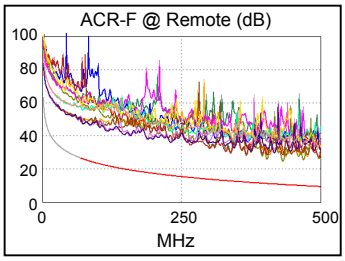


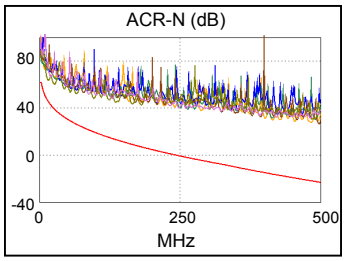


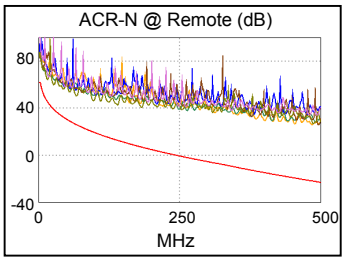


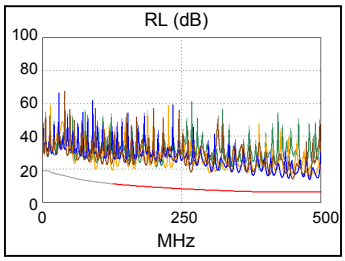


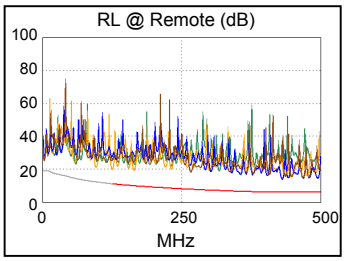












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

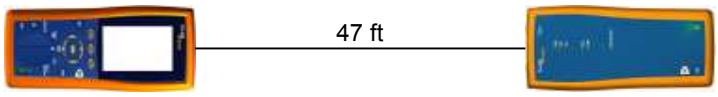
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.4	14.2	14.4	14.2
Freq. (MHz)	401.0	401.0	401.0	401.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.2	16.6	16.2	16.6
Freq. (MHz)	401.0	402.0	401.0	402.0
Limit (dB)	8.2	8.2	8.2	8.2

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

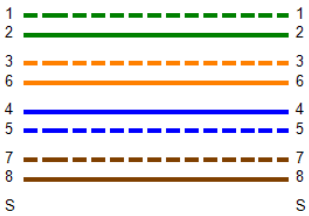
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	45	78
RL (dB)	9.1	8.2	9.1	8.2
Freq. (MHz)	134.0	484.0	476.0	484.0
Limit (dB)	10.7	6.0	6.0	6.0

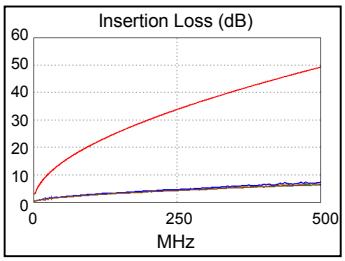
Compliant Network Standards:

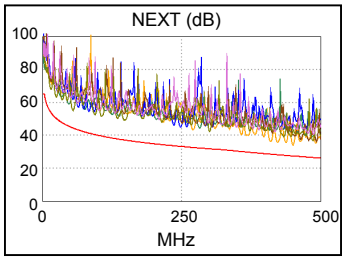
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

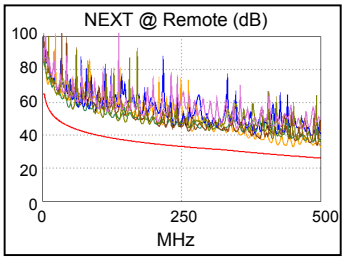


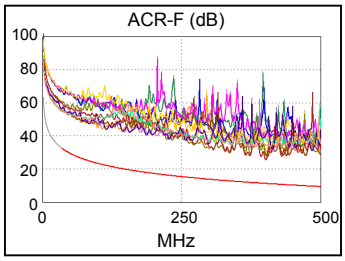
Wire Map (T568A)
PASS

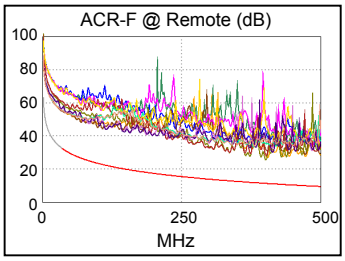


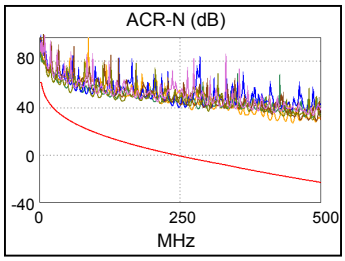


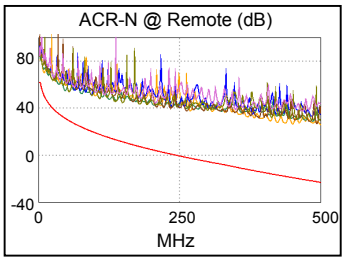


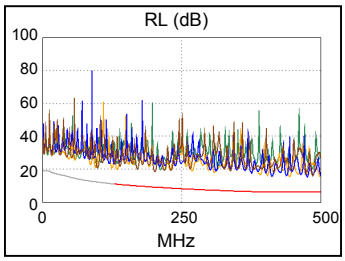


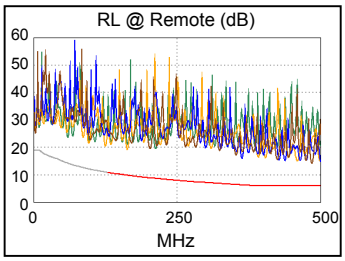












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

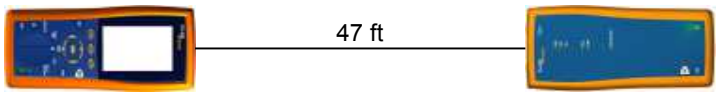
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.7	14.1	15.0	14.5
Freq. (MHz)	404.0	404.0	433.0	433.0
Limit (dB)	11.1	11.1	10.5	10.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	16.9	17.4	17.2	17.8
Freq. (MHz)	404.0	404.0	433.0	433.0
Limit (dB)	8.1	8.1	7.5	7.5

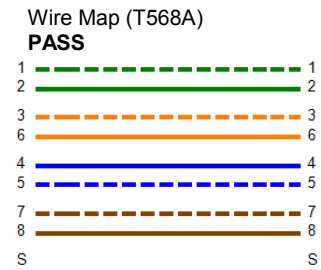
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	12-36
ACR-N (dB)	18.3	18.8	51.0	48.3
Freq. (MHz)	14.8	14.8	498.0	491.0
Limit (dB)	46.0	46.0	-23.1	-22.5
Worst Pair	78	78	36	36
PS ACR-N (dB)	18.1	19.1	51.2	49.3
Freq. (MHz)	15.3	14.6	497.0	495.0
Limit (dB)	43.0	43.4	-25.8	-25.7

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

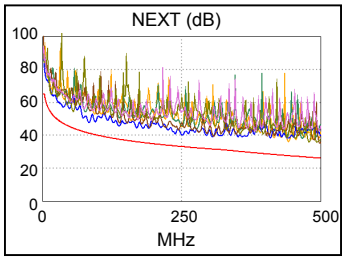
Compliant Network Standards:

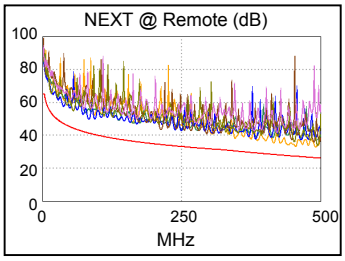
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

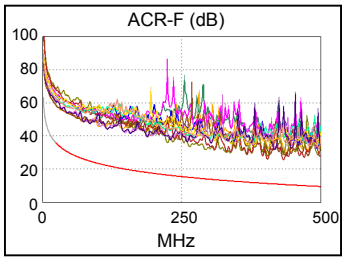


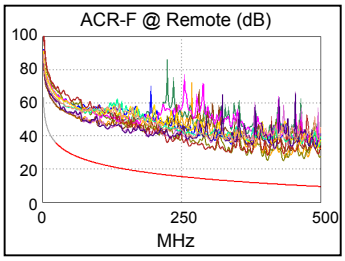


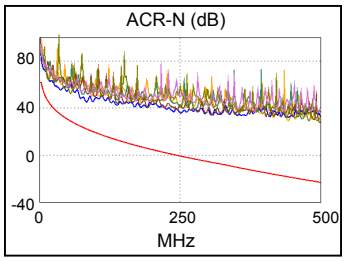


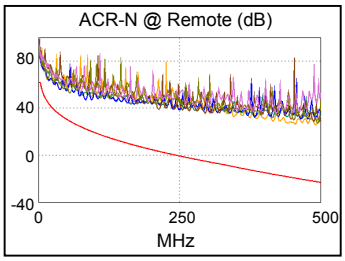


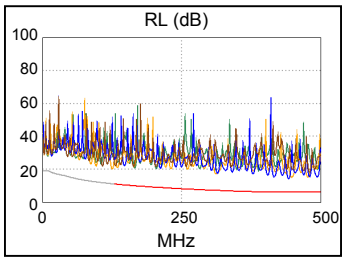


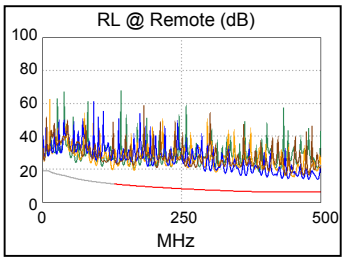












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

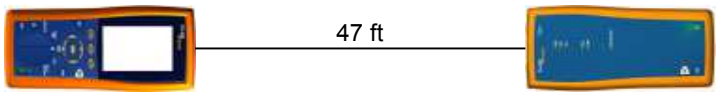
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.8	14.4	14.8	15.6
Freq. (MHz)	403.0	403.0	403.0	470.0
Limit (dB)	11.2	11.2	11.2	9.8
Worst Pair	36	45	36	45
PS ACR-F (dB)	16.5	16.8	16.5	16.8
Freq. (MHz)	404.0	403.0	404.0	403.0
Limit (dB)	8.1	8.2	8.1	8.2

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

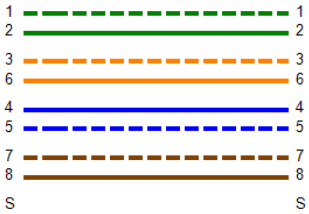
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	8.8	7.8	8.8	7.8
Freq. (MHz)	480.0	495.0	480.0	495.0
Limit (dB)	6.0	6.0	6.0	6.0

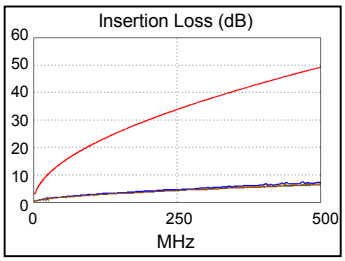
Compliant Network Standards:

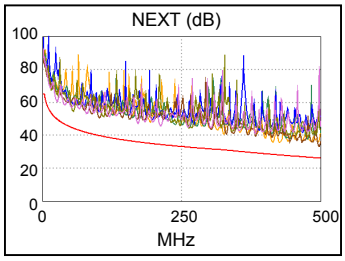
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

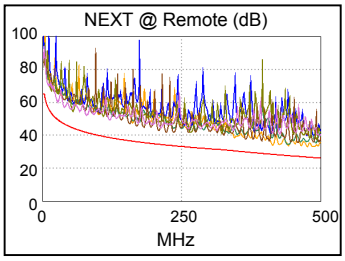


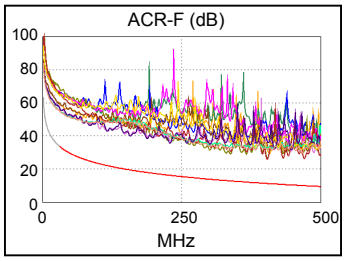
Wire Map (T568A)
PASS

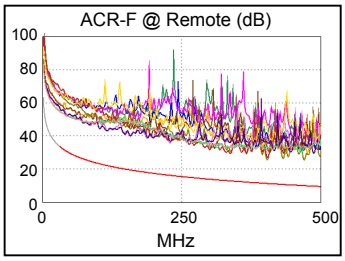


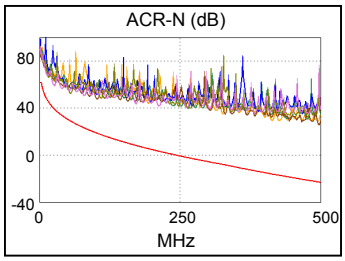


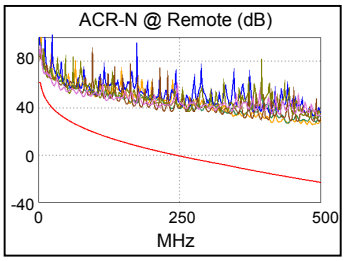


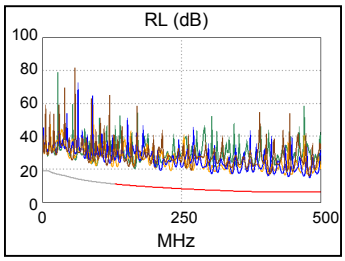


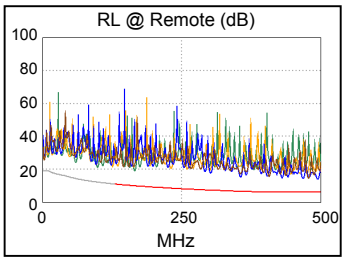












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

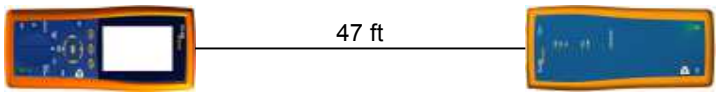
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.8	14.4	14.8	15.6
Freq. (MHz)	403.0	403.0	403.0	470.0
Limit (dB)	11.2	11.2	11.2	9.8
Worst Pair	36	45	36	45
PS ACR-F (dB)	16.6	16.8	16.6	16.8
Freq. (MHz)	404.0	403.0	404.0	403.0
Limit (dB)	8.1	8.2	8.1	8.2

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

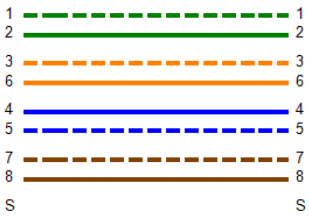
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	8.9	7.9	8.9	7.9
Freq. (MHz)	480.0	494.0	480.0	494.0
Limit (dB)	6.0	6.0	6.0	6.0

Compliant Network Standards:

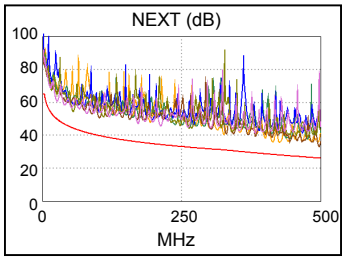
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

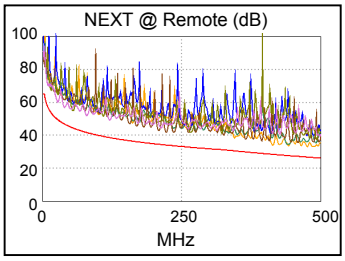


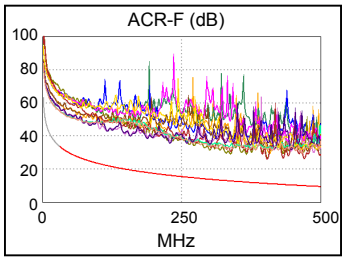
Wire Map (T568A)
PASS

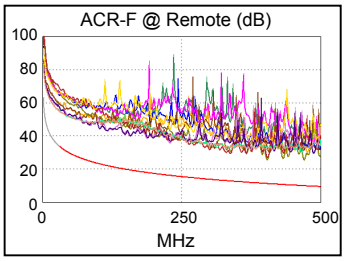


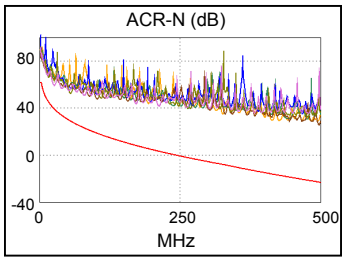


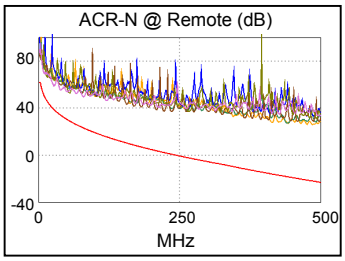


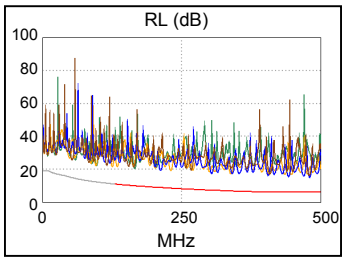


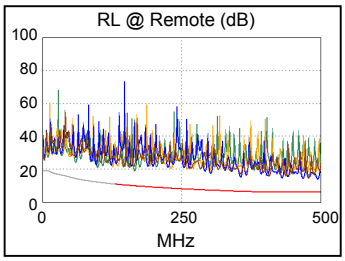












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

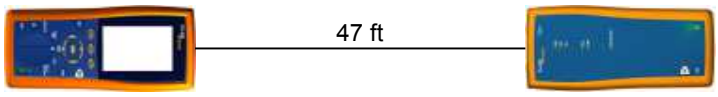
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.3	13.9	14.4	13.9
Freq. (MHz)	403.0	432.0	433.0	432.0
Limit (dB)	11.2	10.5	10.5	10.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	15.9	17.0	16.3	17.1
Freq. (MHz)	404.0	405.0	433.0	433.0
Limit (dB)	8.1	8.1	7.5	7.5

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

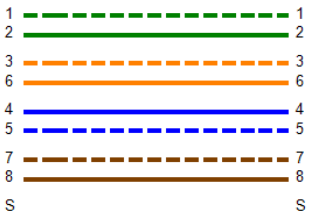
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	45
RL (dB)	7.9	7.3	8.3	7.8
Freq. (MHz)	125.0	206.0	406.0	431.0
Limit (dB)	11.0	8.9	6.0	6.0

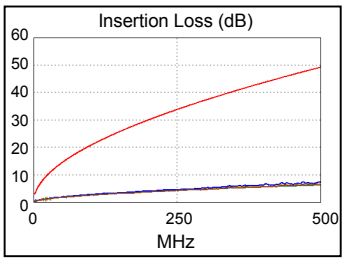
Compliant Network Standards:

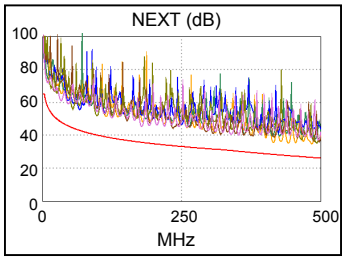
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

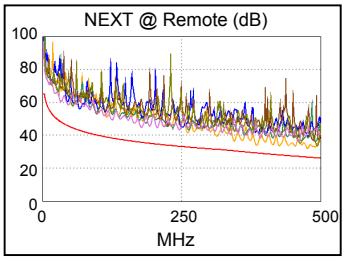


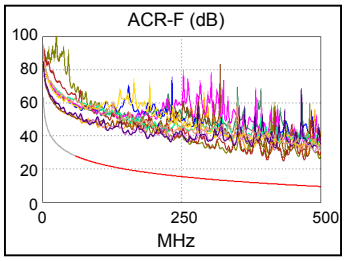
Wire Map (T568A)
PASS

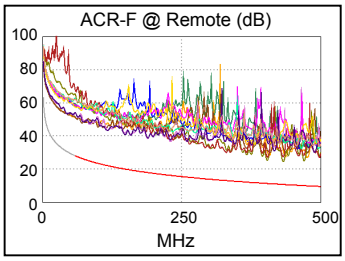


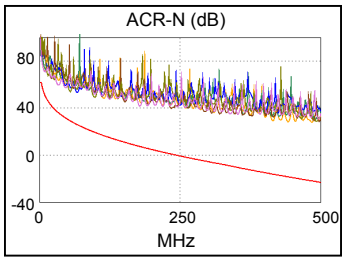


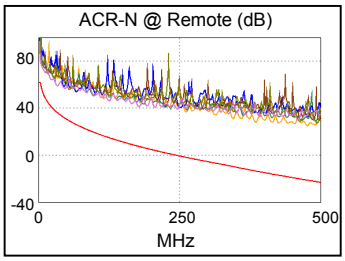


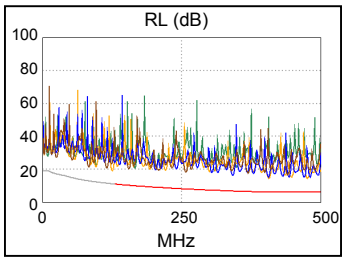


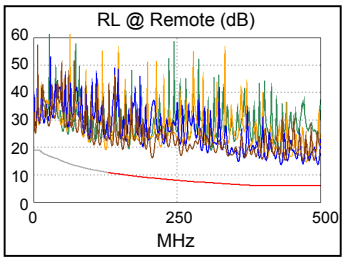












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

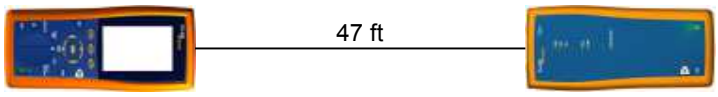
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.3	14.0	14.8	14.4
Freq. (MHz)	403.0	403.0	432.0	432.0
Limit (dB)	11.2	11.2	10.5	10.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	16.0	16.7	16.4	17.2
Freq. (MHz)	403.0	403.0	433.0	432.0
Limit (dB)	8.2	8.2	7.5	7.5

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

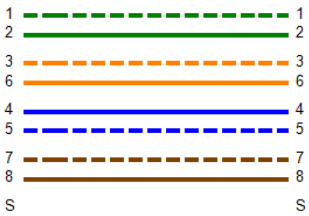
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	9.4	9.1	9.4	9.1
Freq. (MHz)	441.0	445.0	441.0	445.0
Limit (dB)	6.0	6.0	6.0	6.0

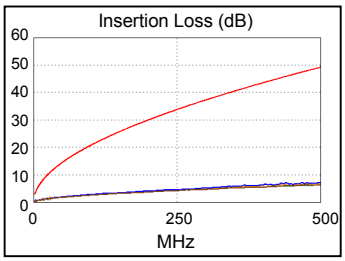
Compliant Network Standards:

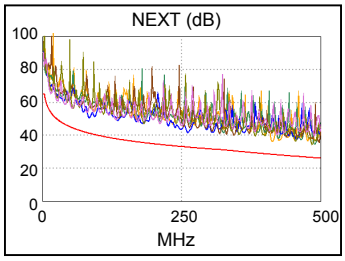
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

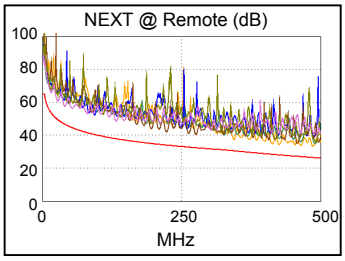


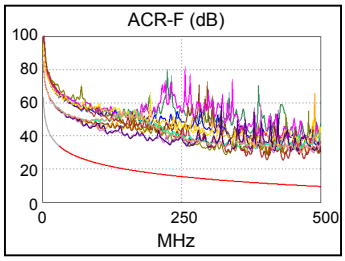
Wire Map (T568A)
PASS

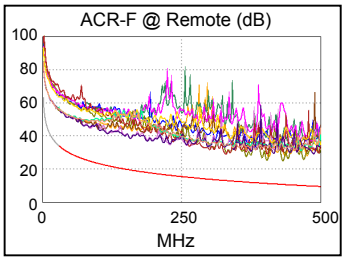


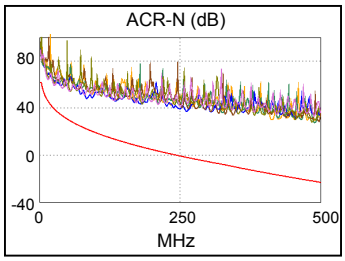


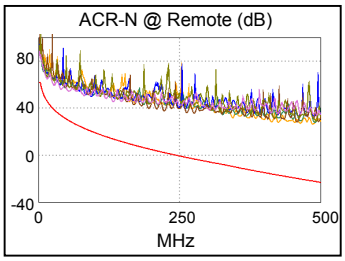


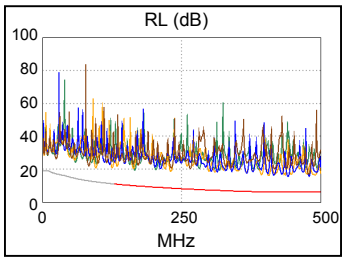


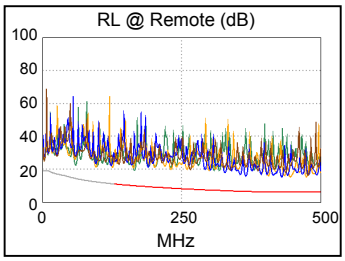












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

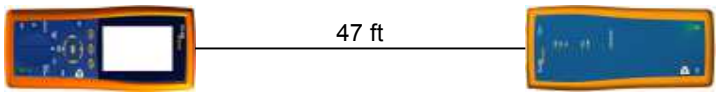
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.2	13.0	13.7	13.4
Freq. (MHz)	400.0	400.0	438.0	438.0
Limit (dB)	11.2	11.2	10.4	10.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	14.7	16.1	15.1	16.4
Freq. (MHz)	400.0	400.0	439.0	438.0
Limit (dB)	8.2	8.2	7.4	7.4

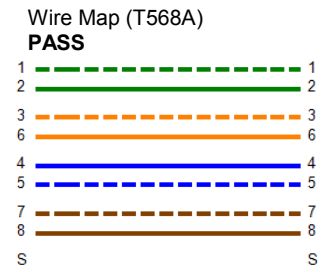
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	12-36
ACR-N (dB)	15.4	15.2	52.7	46.4
Freq. (MHz)	7.1	3.0	492.0	482.0
Limit (dB)	53.5	61.4	-22.6	-21.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	15.3	15.9	51.5	48.0
Freq. (MHz)	14.4	13.9	480.0	482.0
Limit (dB)	43.6	44.0	-24.5	-24.7

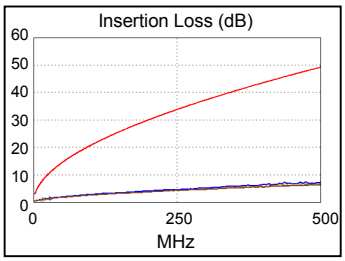
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.6	8.3	8.6	8.3
Freq. (MHz)	442.0	441.0	442.0	441.0
Limit (dB)	6.0	6.0	6.0	6.0

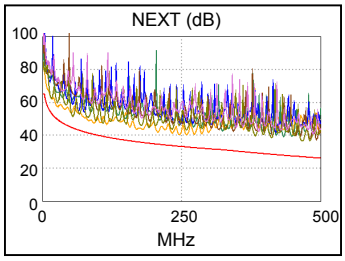
Compliant Network Standards:

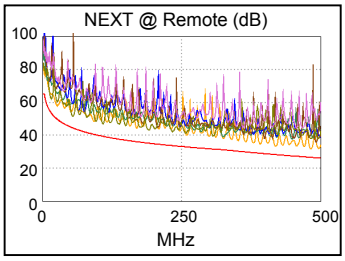
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

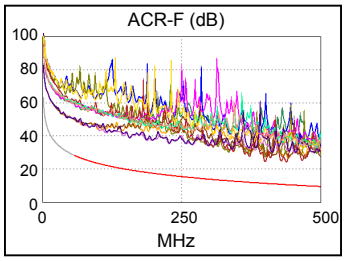


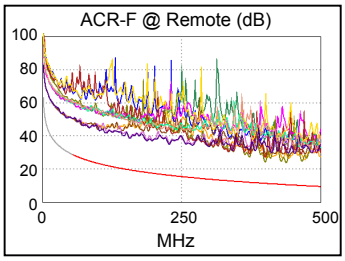


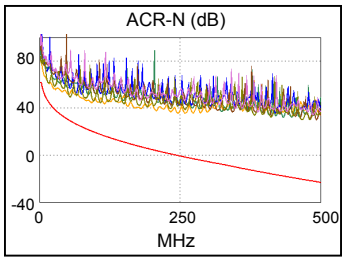


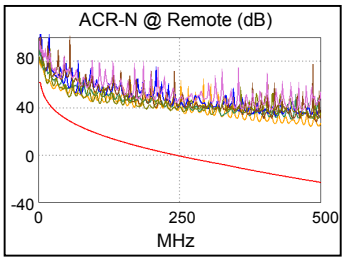


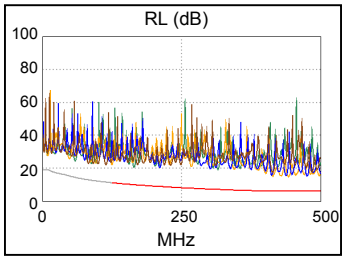


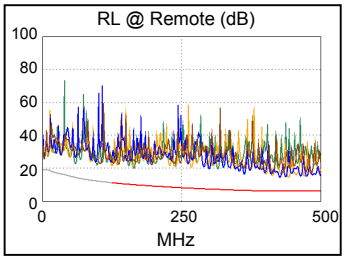












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

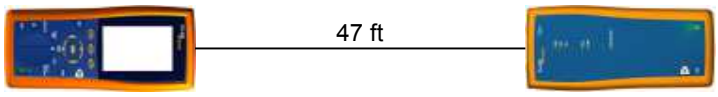
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.6	14.2	14.6	14.2
Freq. (MHz)	401.0	401.0	401.0	401.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	15.7	17.1	15.7	17.1
Freq. (MHz)	402.0	402.0	402.0	402.0
Limit (dB)	8.2	8.2	8.2	8.2

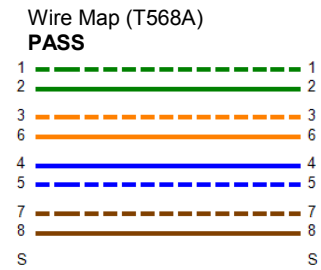
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	12-36
ACR-N (dB)	17.9	19.4	45.8	48.1
Freq. (MHz)	14.8	14.3	450.0	500.0
Limit (dB)	46.0	46.3	-19.2	-23.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	20.2	20.2	47.9	50.5
Freq. (MHz)	14.1	5.5	464.0	500.0
Limit (dB)	43.8	53.4	-23.2	-26.1

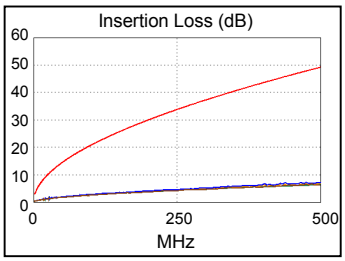
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	78
RL (dB)	8.3	8.8	9.4	9.0
Freq. (MHz)	124.0	124.5	473.0	484.0
Limit (dB)	11.1	11.0	6.0	6.0

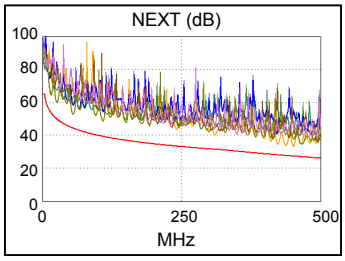
Compliant Network Standards:

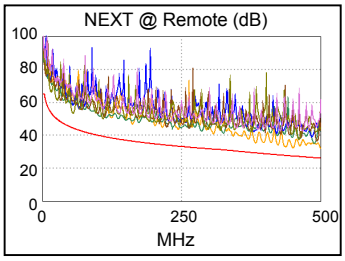
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

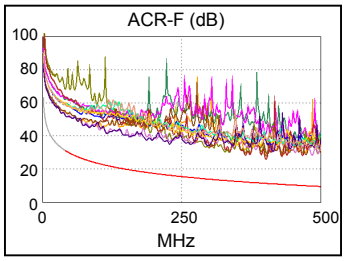


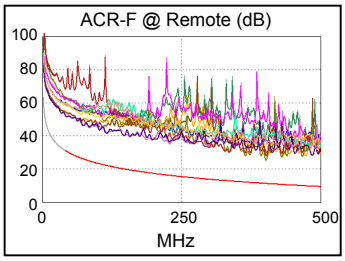


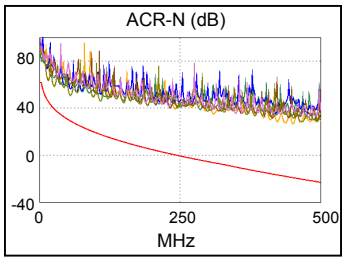


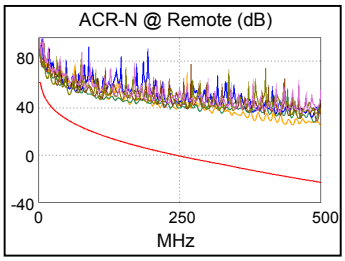


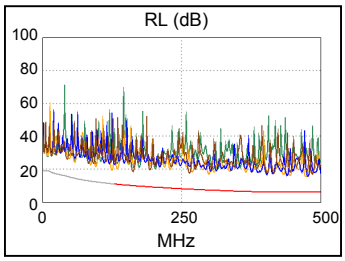


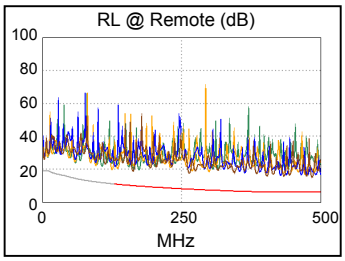












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

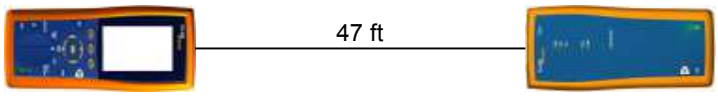
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.7	14.3	14.7	14.3
Freq. (MHz)	404.0	404.0	404.0	404.0
Limit (dB)	11.1	11.1	11.1	11.1
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.4	16.9	16.4	16.9
Freq. (MHz)	405.0	405.0	405.0	405.0
Limit (dB)	8.1	8.1	8.1	8.1

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

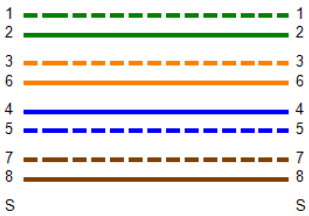
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	45	78
RL (dB)	8.7	8.3	8.9	8.3
Freq. (MHz)	125.0	478.0	442.0	478.0
Limit (dB)	11.0	6.0	6.0	6.0

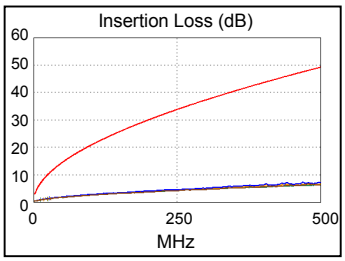
Compliant Network Standards:

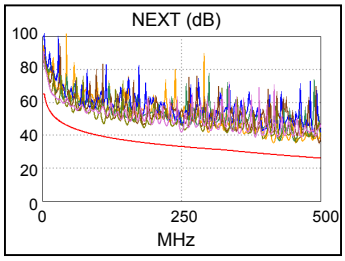
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

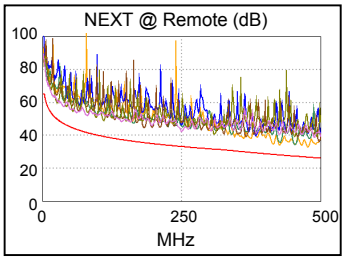


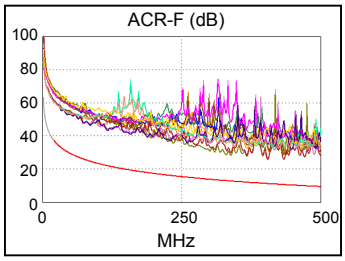
Wire Map (T568A)
PASS

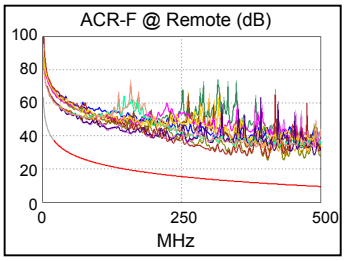


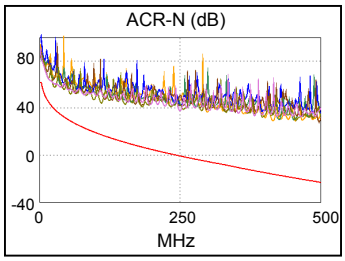


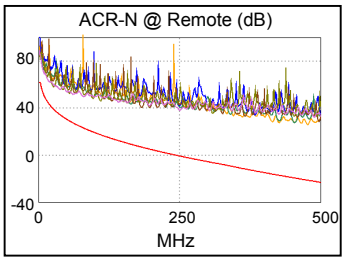


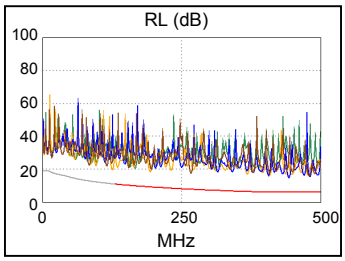


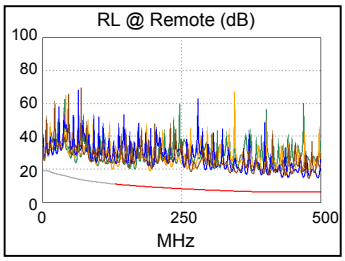












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

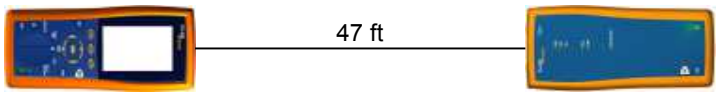
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.1	13.9	14.1	13.9
Freq. (MHz)	403.0	403.0	403.0	403.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	15.4	16.1	15.4	16.1
Freq. (MHz)	403.0	403.0	403.0	404.0
Limit (dB)	8.2	8.2	8.2	8.1

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

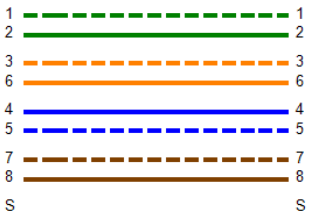
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	78
RL (dB)	8.0	7.7	8.0	7.7
Freq. (MHz)	500.0	488.0	500.0	488.0
Limit (dB)	6.0	6.0	6.0	6.0

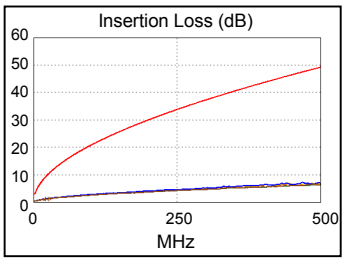
Compliant Network Standards:

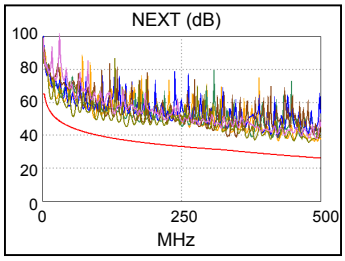
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

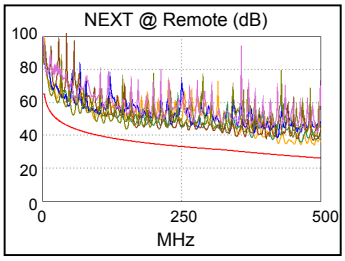


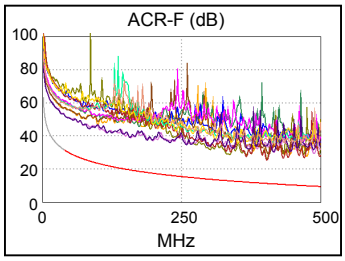
Wire Map (T568A)
PASS

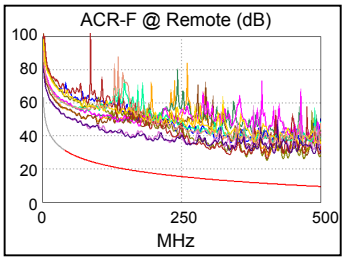


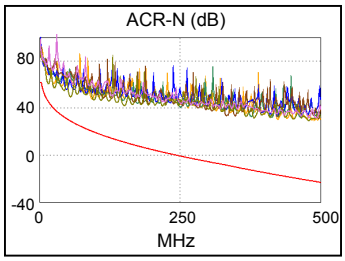


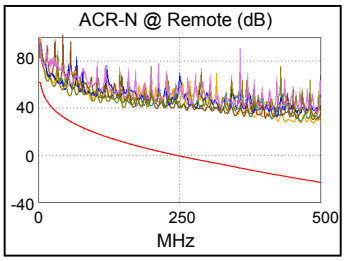


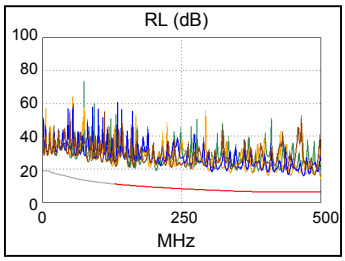


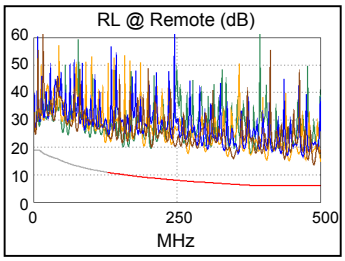












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

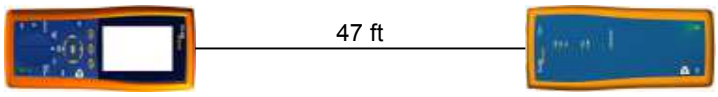
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.2	14.7	15.2	14.7
Freq. (MHz)	403.0	403.0	403.0	403.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	45	36	45
PS ACR-F (dB)	17.5	17.7	17.5	17.7
Freq. (MHz)	403.0	403.0	404.0	403.0
Limit (dB)	8.2	8.2	8.1	8.2

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

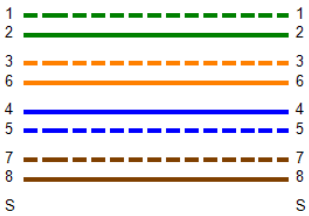
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	78
RL (dB)	8.3	7.6	8.7	8.0
Freq. (MHz)	154.5	356.0	479.0	477.0
Limit (dB)	10.1	6.5	6.0	6.0

Compliant Network Standards:

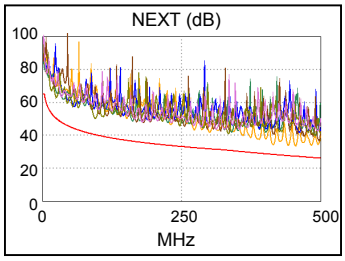
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

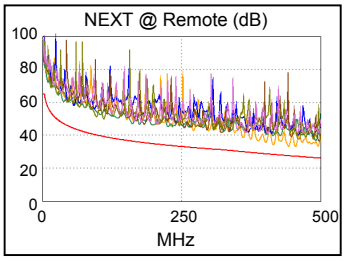


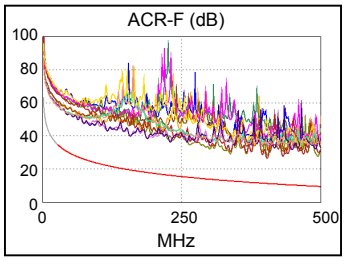
Wire Map (T568A)
PASS

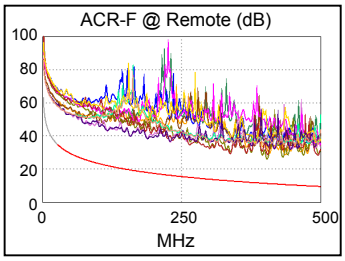


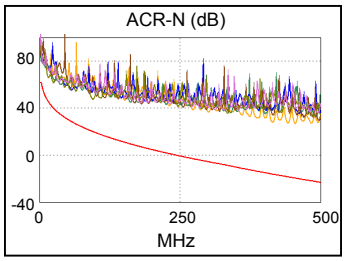


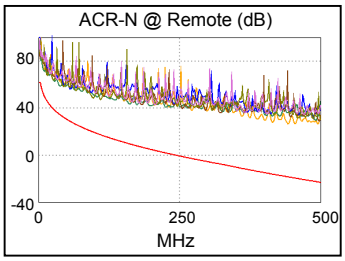


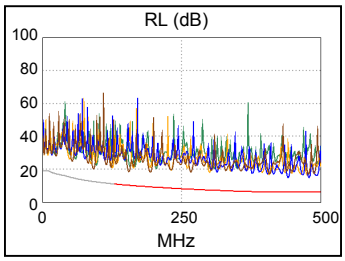


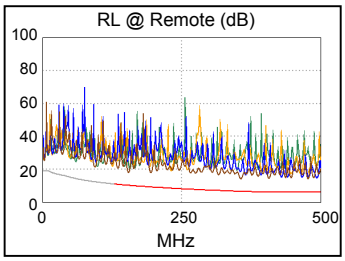












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

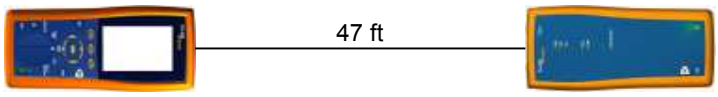
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	15.6	15.7	16.0	15.7
Freq. (MHz)	367.0	396.0	405.0	405.0
Limit (dB)	12.0	11.3	11.1	11.1
Worst Pair	45	36	36	36
PS ACR-F (dB)	17.7	17.2	17.8	17.6
Freq. (MHz)	367.0	368.0	406.0	406.0
Limit (dB)	9.0	8.9	8.1	8.1

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

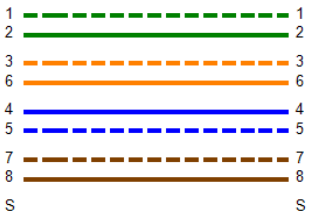
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	9.1	8.7	9.1	8.7
Freq. (MHz)	478.0	478.0	478.0	478.0
Limit (dB)	6.0	6.0	6.0	6.0

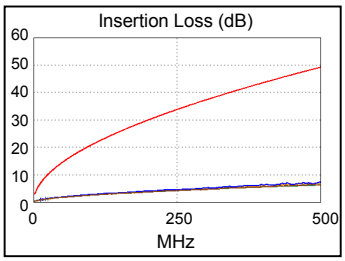
Compliant Network Standards:

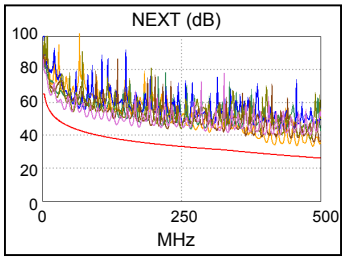
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

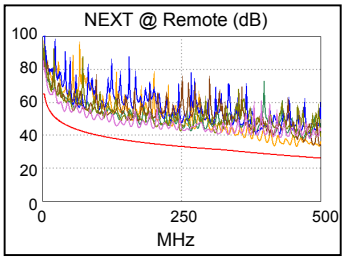


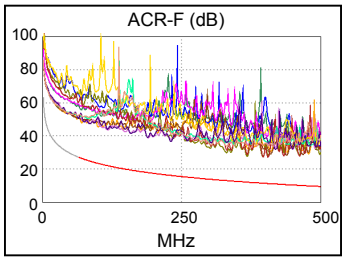
Wire Map (T568A)
PASS

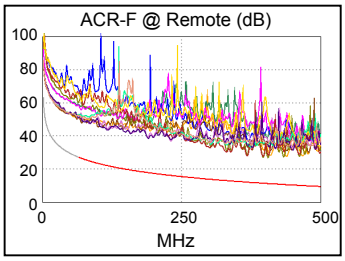


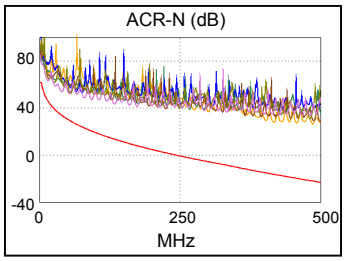


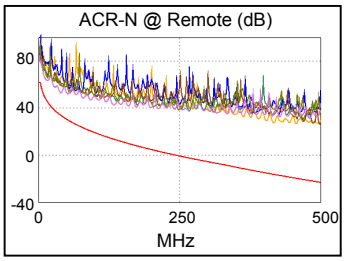


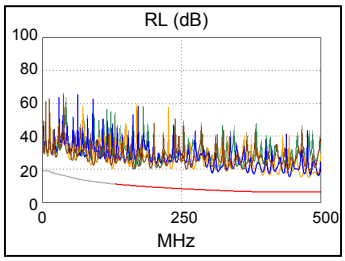


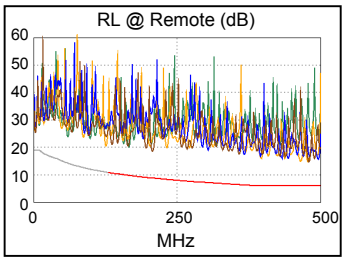












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

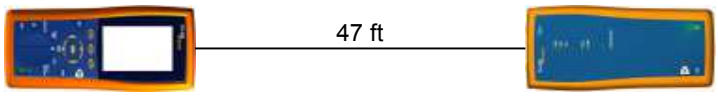
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.8	13.5	13.8	13.5
Freq. (MHz)	403.0	403.0	403.0	403.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	45	36	45
PS ACR-F (dB)	15.5	16.5	15.5	16.5
Freq. (MHz)	403.0	403.0	403.0	403.0
Limit (dB)	8.2	8.2	8.2	8.2

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

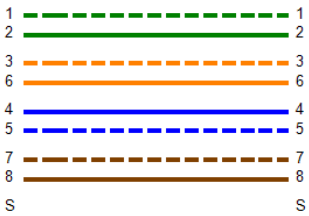
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	9.2	8.9	9.2	8.9
Freq. (MHz)	500.0	473.0	500.0	473.0
Limit (dB)	6.0	6.0	6.0	6.0

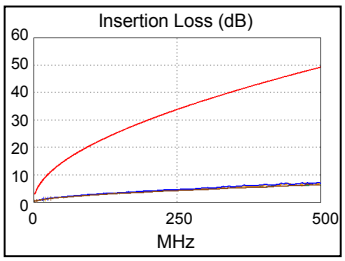
Compliant Network Standards:

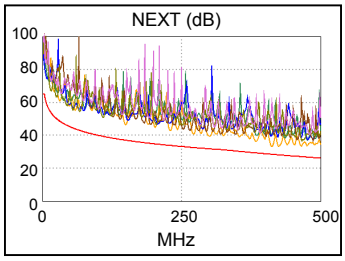
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

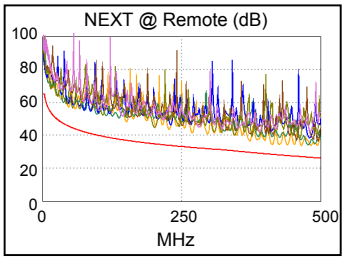


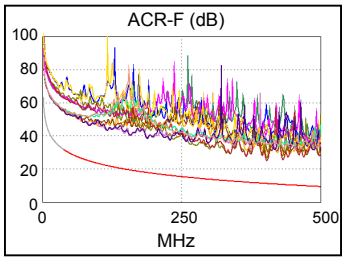
Wire Map (T568A)
PASS

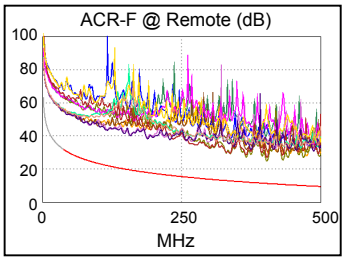


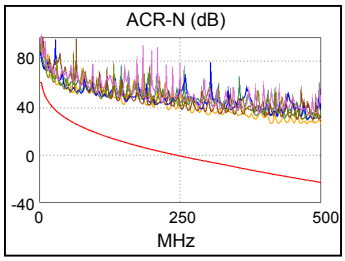


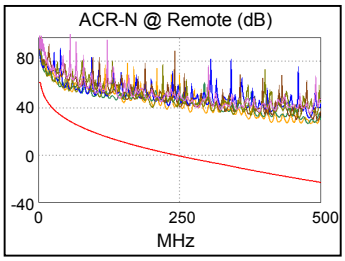


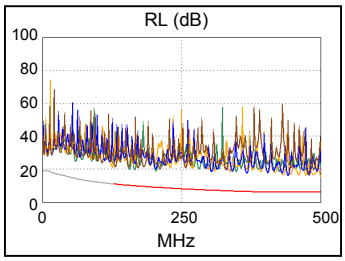


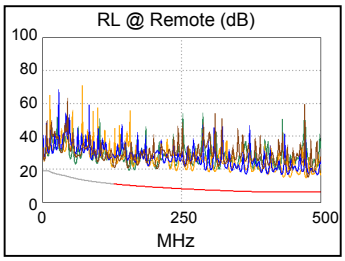












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

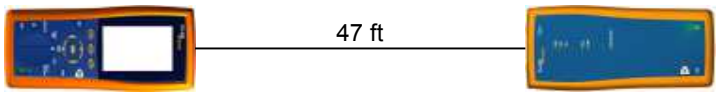
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.7	15.1	15.7	15.1
Freq. (MHz)	402.0	402.0	402.0	402.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	17.7	17.5	18.6	17.5
Freq. (MHz)	403.0	403.0	474.0	403.0
Limit (dB)	8.2	8.2	6.7	8.2

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

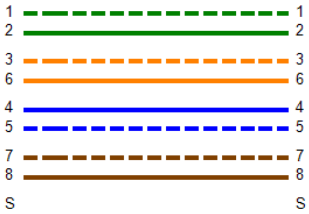
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
RL (dB)	9.2	8.9	9.3	9.0
Freq. (MHz)	124.0	124.5	476.0	438.0
Limit (dB)	11.1	11.0	6.0	6.0

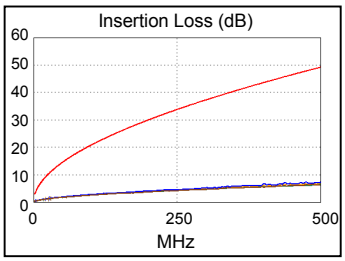
Compliant Network Standards:

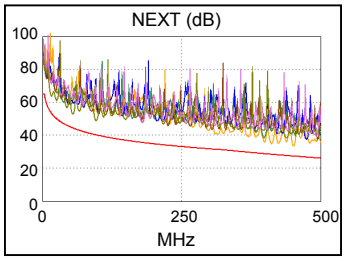
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

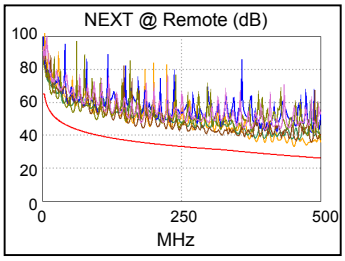


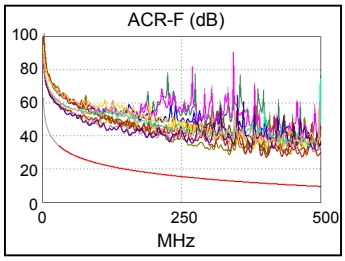
Wire Map (T568A)
PASS

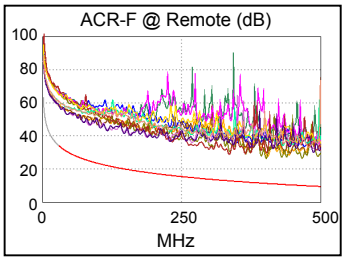


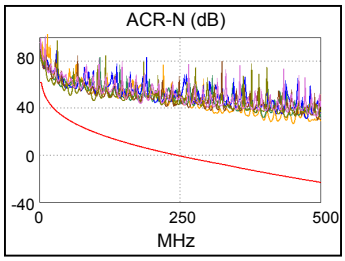


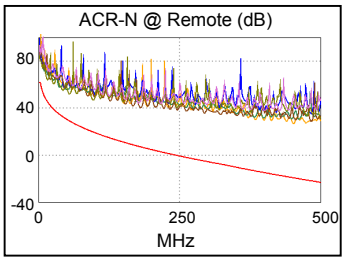


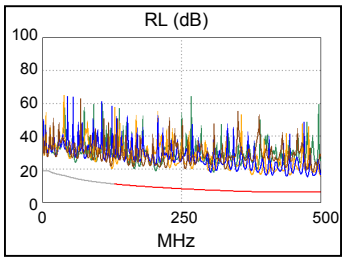


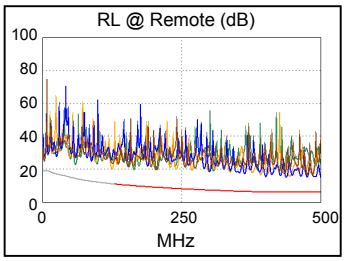












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

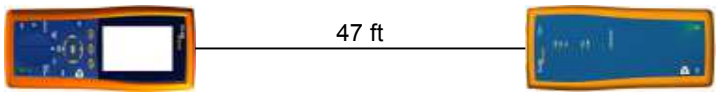
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-36	12-36
ACR-F (dB)	14.6	14.4	15.7	15.1
Freq. (MHz)	402.0	402.0	474.0	443.0
Limit (dB)	11.2	11.2	9.7	10.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	15.5	15.3	15.5	15.3
Freq. (MHz)	403.0	404.0	403.0	404.0
Limit (dB)	8.2	8.1	8.2	8.1

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

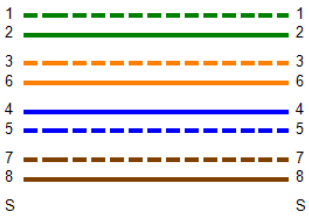
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.1	7.5	8.1	7.5
Freq. (MHz)	445.0	443.0	445.0	443.0
Limit (dB)	6.0	6.0	6.0	6.0

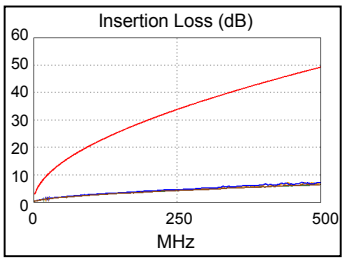
Compliant Network Standards:

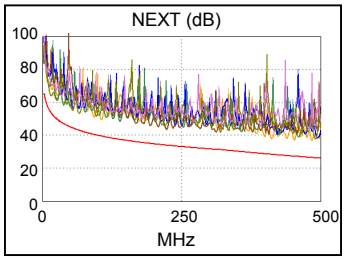
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

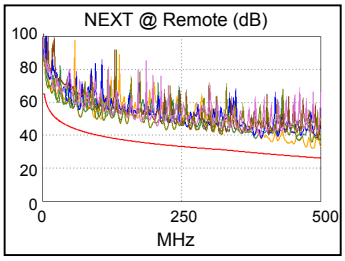


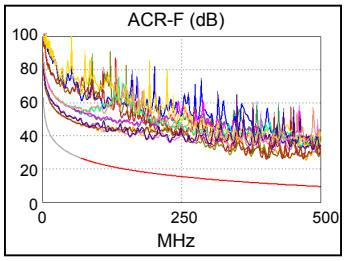
Wire Map (T568A)
PASS

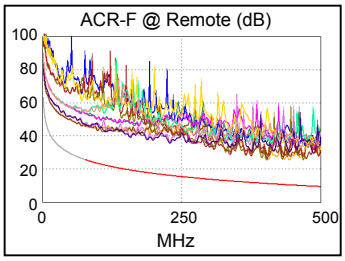


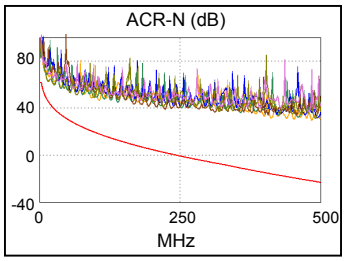


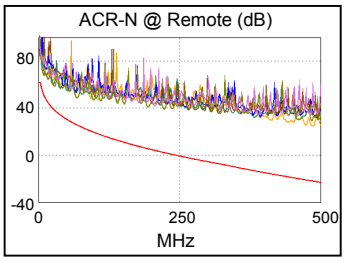


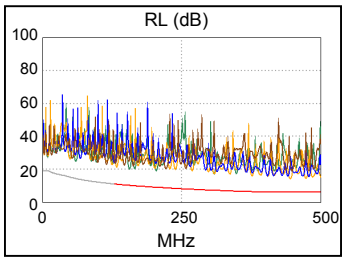


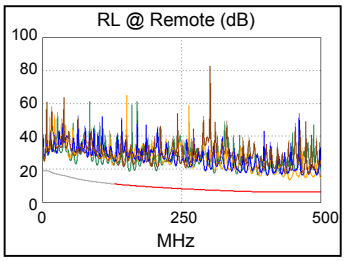












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

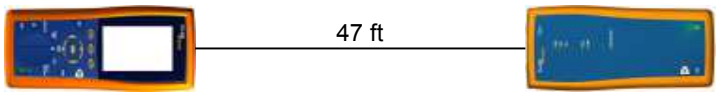
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.4	13.2	13.4	13.2
Freq. (MHz)	402.0	402.0	402.0	402.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	45	36	45
PS ACR-F (dB)	15.3	16.2	15.3	16.2
Freq. (MHz)	402.0	402.0	402.0	402.0
Limit (dB)	8.2	8.2	8.2	8.2

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

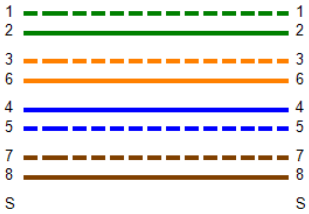
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	78
RL (dB)	8.5	7.1	8.5	7.1
Freq. (MHz)	500.0	487.0	500.0	487.0
Limit (dB)	6.0	6.0	6.0	6.0

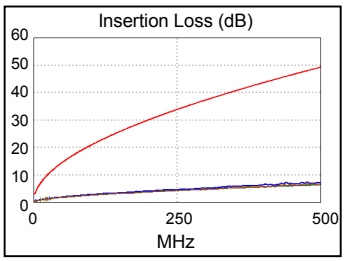
Compliant Network Standards:

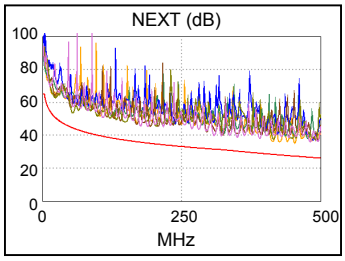
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

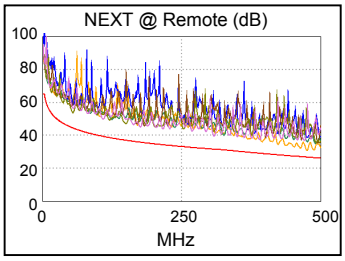


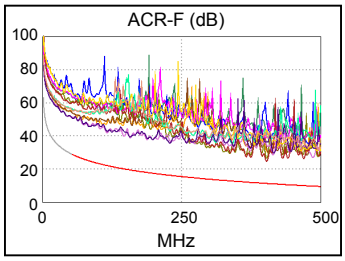
Wire Map (T568A)
PASS

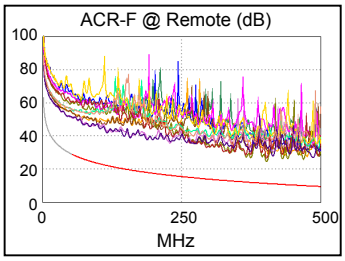


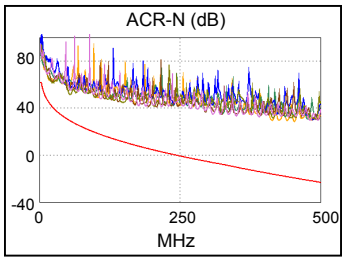


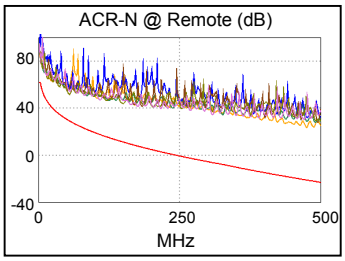


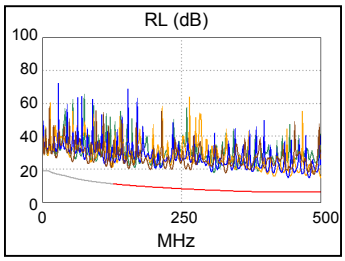


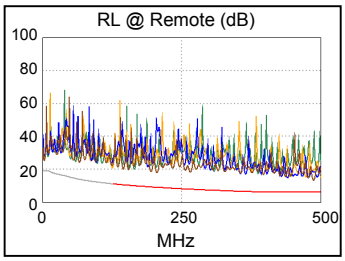












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

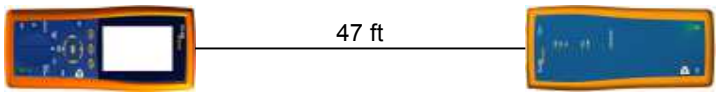
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.5	15.1	15.5	15.1
Freq. (MHz)	403.0	402.0	403.0	402.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	17.9	17.2	18.1	17.2
Freq. (MHz)	403.0	404.0	431.0	404.0
Limit (dB)	8.2	8.1	7.6	8.1

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

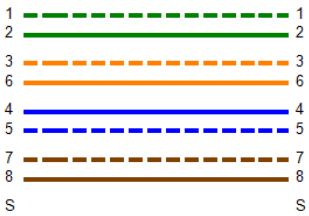
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	7.3	5.9	7.3	5.9
Freq. (MHz)	477.0	477.0	477.0	477.0
Limit (dB)	6.0	6.0	6.0	6.0

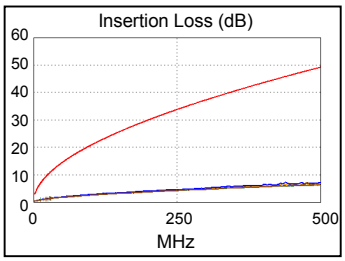
Compliant Network Standards:

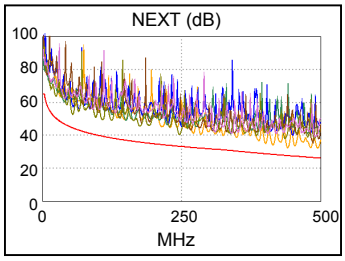
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

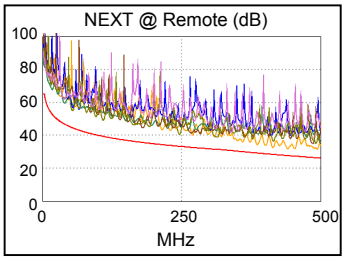


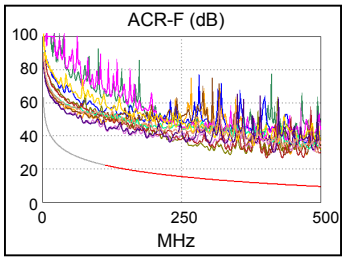
Wire Map (T568A)
PASS

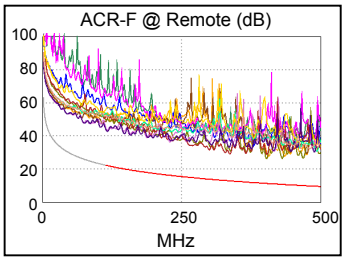


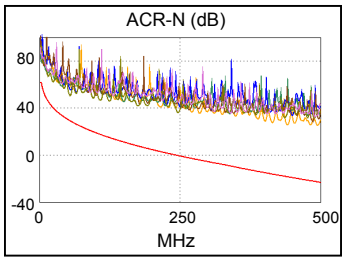


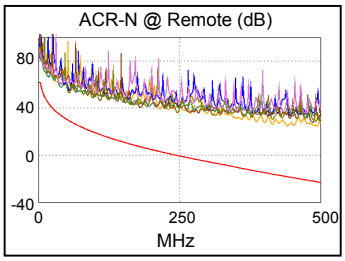


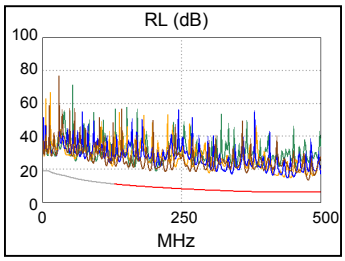


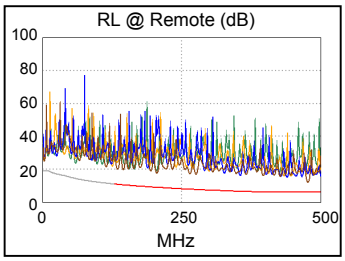












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

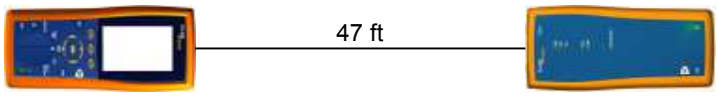
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.9	13.8	13.9	13.8
Freq. (MHz)	403.0	403.0	403.0	403.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	15.3	16.1	15.3	16.1
Freq. (MHz)	403.0	403.0	403.0	404.0
Limit (dB)	8.2	8.2	8.2	8.1

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

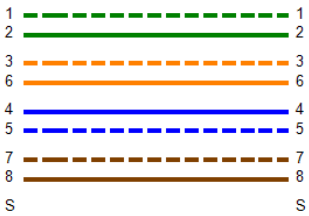
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	78
RL (dB)	7.9	7.7	7.9	7.7
Freq. (MHz)	500.0	488.0	500.0	488.0
Limit (dB)	6.0	6.0	6.0	6.0

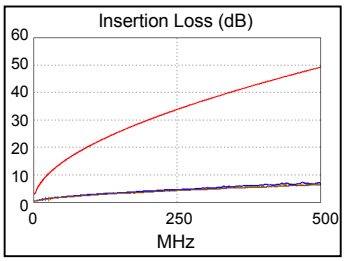
Compliant Network Standards:

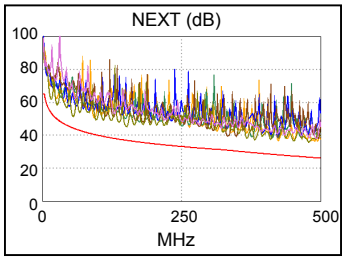
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

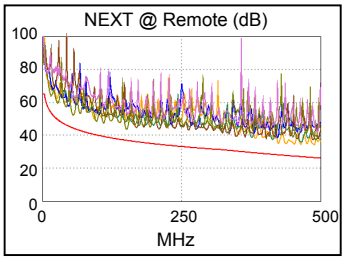


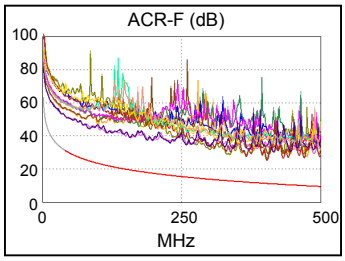
Wire Map (T568A)
PASS

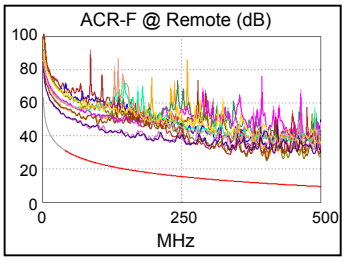


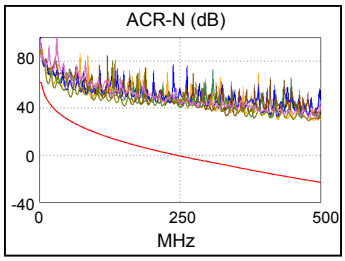


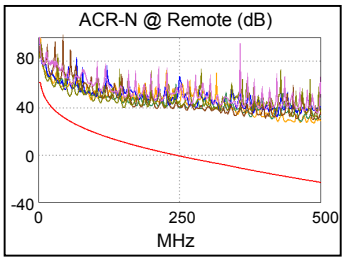


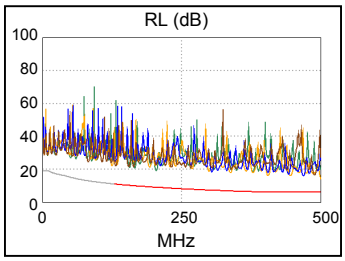


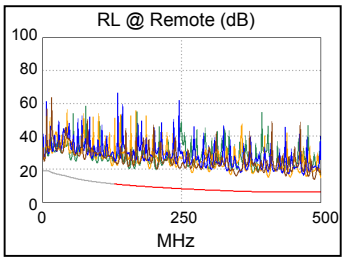












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

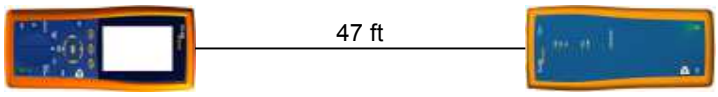
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	15.1	15.0	15.1	15.3
Freq. (MHz)	404.0	404.0	404.0	433.0
Limit (dB)	11.1	11.1	11.1	10.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.6	16.3	16.6	16.3
Freq. (MHz)	404.0	405.0	404.0	405.0
Limit (dB)	8.1	8.1	8.1	8.1

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

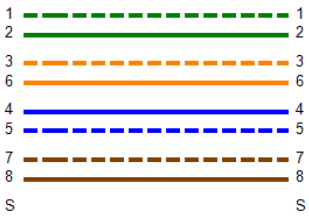
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	78
RL (dB)	7.2	7.5	9.0	7.5
Freq. (MHz)	154.5	154.0	470.0	488.0
Limit (dB)	10.1	10.1	6.0	6.0

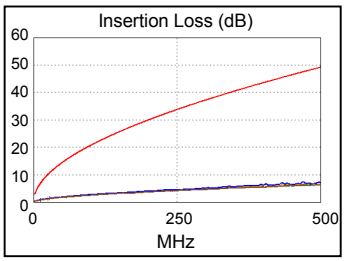
Compliant Network Standards:

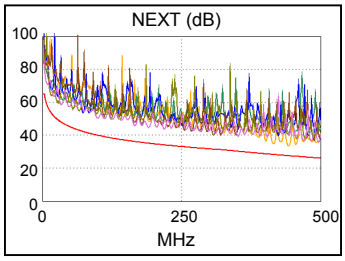
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

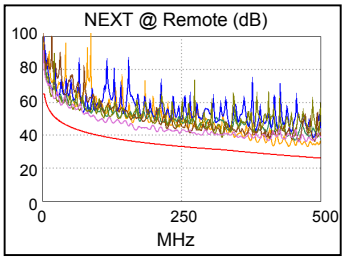


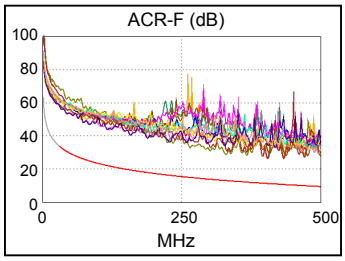
Wire Map (T568A)
PASS

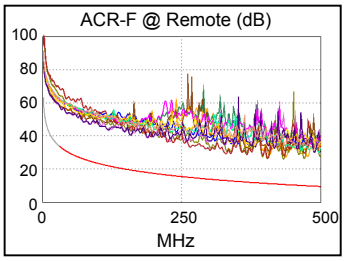


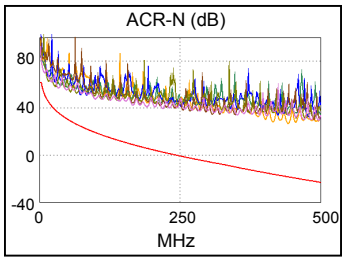


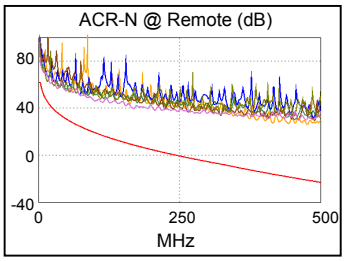


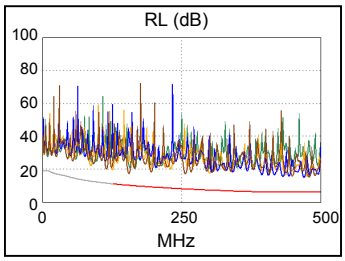


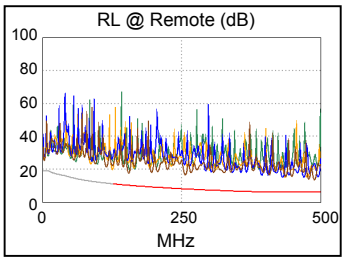












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

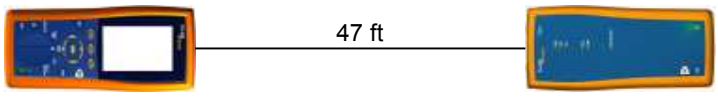
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.1	14.0	14.1	14.0
Freq. (MHz)	404.0	404.0	404.0	404.0
Limit (dB)	11.1	11.1	11.1	11.1
Worst Pair	36	36	36	36
PS ACR-F (dB)	15.5	16.2	15.5	16.2
Freq. (MHz)	405.0	404.0	405.0	404.0
Limit (dB)	8.1	8.1	8.1	8.1

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

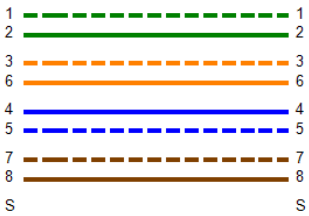
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	9.6	8.3	9.8	8.3
Freq. (MHz)	125.0	406.0	489.0	406.0
Limit (dB)	11.0	6.0	6.0	6.0

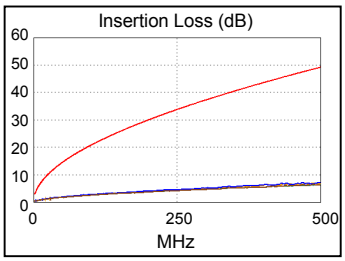
Compliant Network Standards:

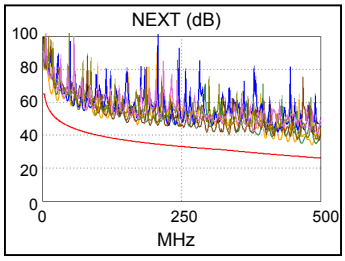
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

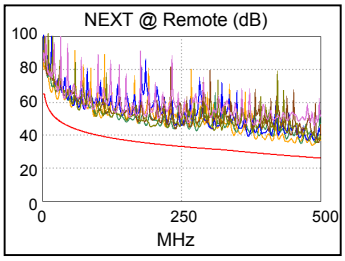


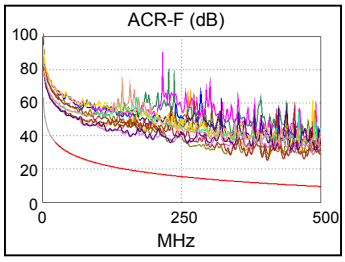
Wire Map (T568A)
PASS

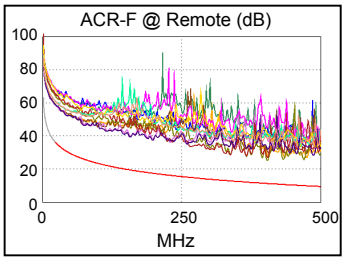


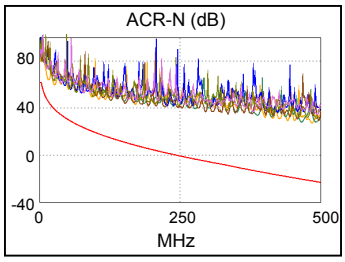


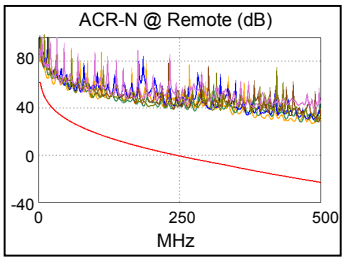


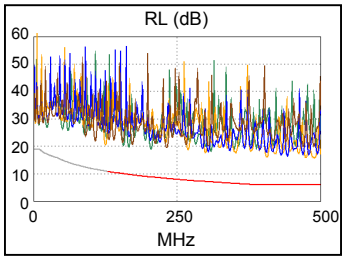


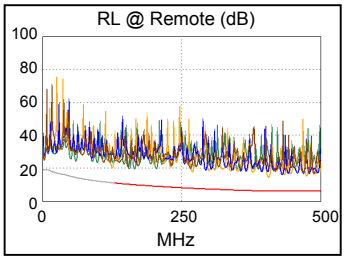












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

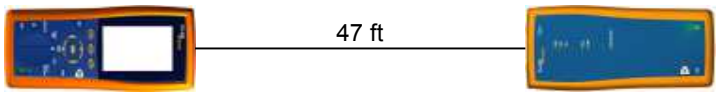
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.5	15.2	15.5	15.2
Freq. (MHz)	403.0	403.0	404.0	403.0
Limit (dB)	11.2	11.2	11.1	11.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.9	17.4	16.9	17.4
Freq. (MHz)	404.0	405.0	404.0	405.0
Limit (dB)	8.1	8.1	8.1	8.1

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

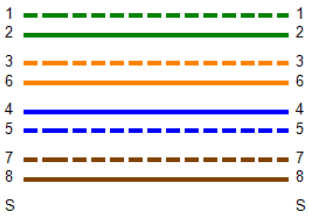
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
RL (dB)	8.6	8.7	9.5	9.1
Freq. (MHz)	125.0	125.0	442.0	495.0
Limit (dB)	11.0	11.0	6.0	6.0

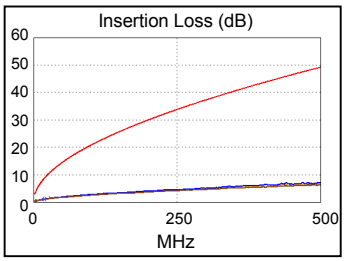
Compliant Network Standards:

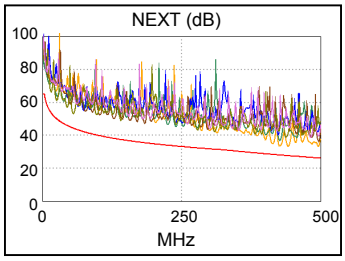
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

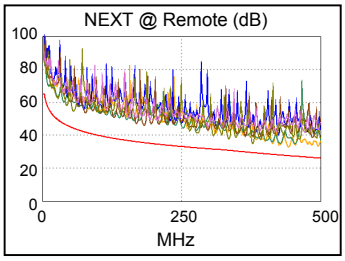


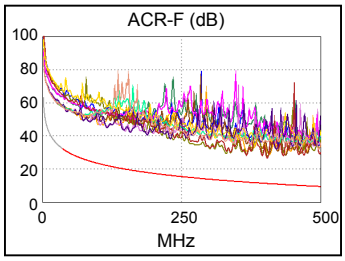
Wire Map (T568A)
PASS

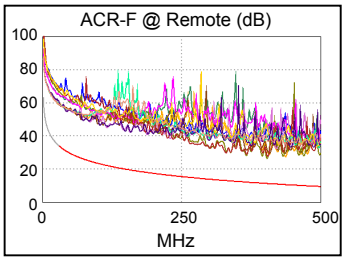


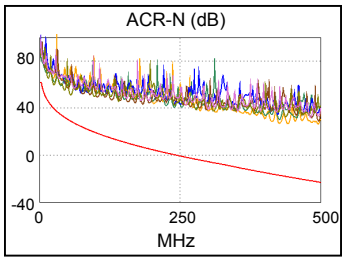


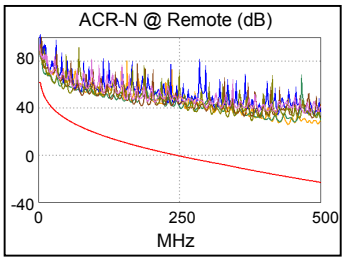


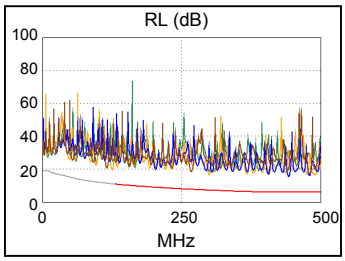


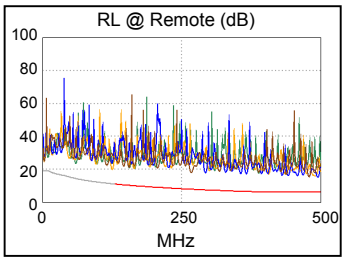












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

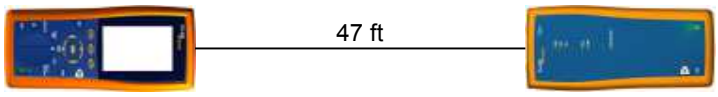
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	12-36
ACR-F (dB)	14.6	14.3	14.6	14.9
Freq. (MHz)	404.0	404.0	404.0	437.0
Limit (dB)	11.1	11.1	11.1	10.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	15.3	16.0	15.3	16.0
Freq. (MHz)	405.0	405.0	405.0	405.0
Limit (dB)	8.1	8.1	8.1	8.1

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

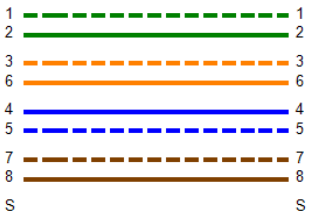
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	8.2	7.4	8.2	7.4
Freq. (MHz)	492.0	495.0	492.0	495.0
Limit (dB)	6.0	6.0	6.0	6.0

Compliant Network Standards:

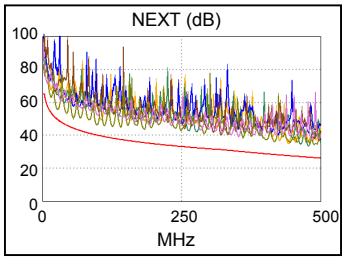
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

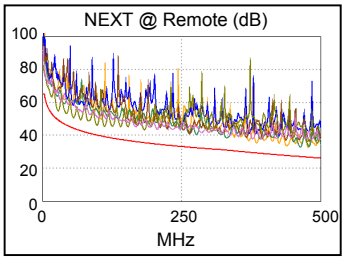


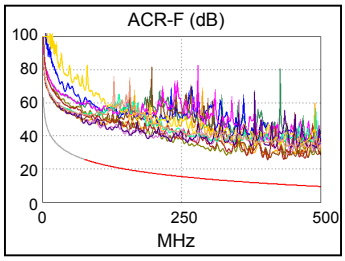
Wire Map (T568A)
PASS

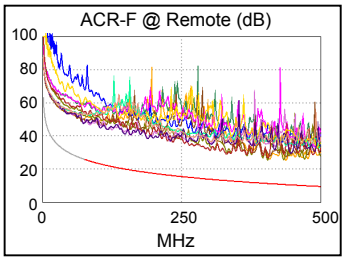


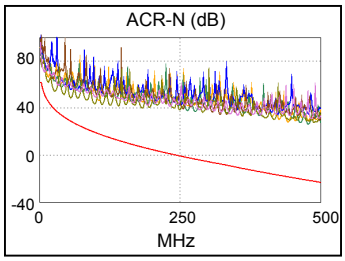


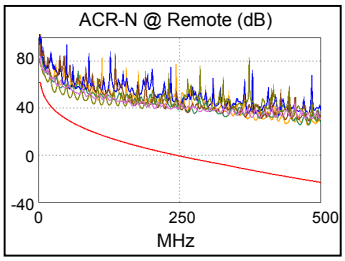


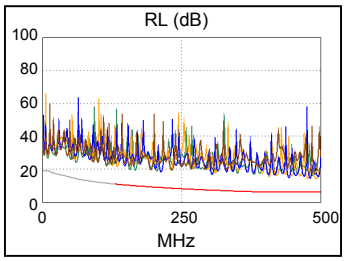


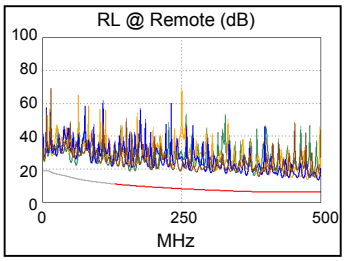












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

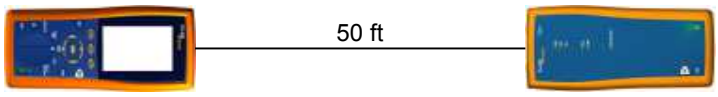
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	36-45
ACR-F (dB)	15.8	16.0	16.7	16.2
Freq. (MHz)	369.0	369.0	496.0	463.0
Limit (dB)	11.9	11.9	9.3	9.9
Worst Pair	36	36	36	36
PS ACR-F (dB)	17.8	16.9	18.4	17.5
Freq. (MHz)	369.0	369.0	464.0	497.0
Limit (dB)	8.9	8.9	6.9	6.3

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

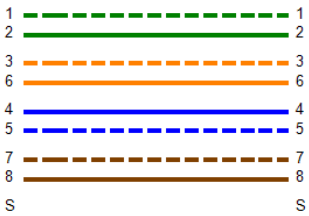
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	7.7	7.3	7.7	7.3
Freq. (MHz)	479.0	452.0	479.0	452.0
Limit (dB)	6.0	6.0	6.0	6.0

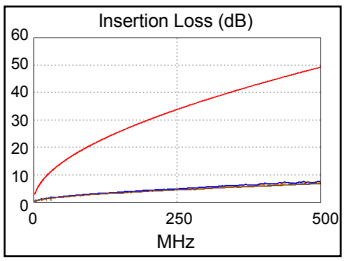
Compliant Network Standards:

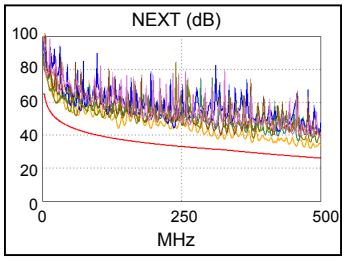
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

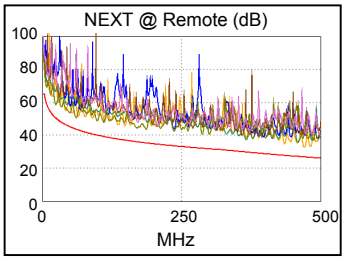


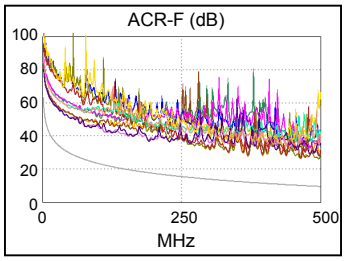
Wire Map (T568A)
PASS

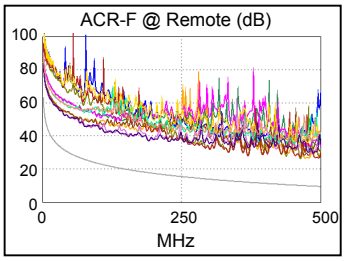


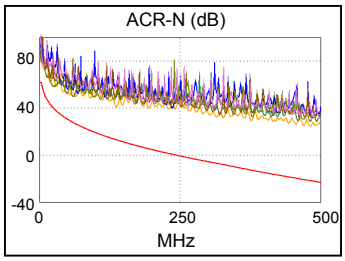


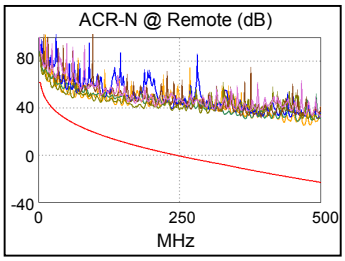


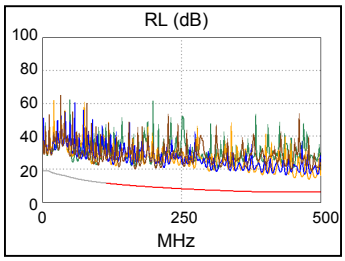


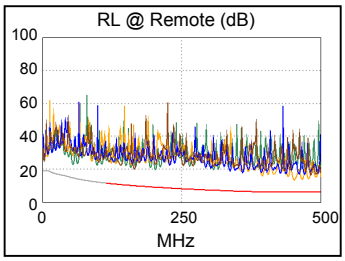












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

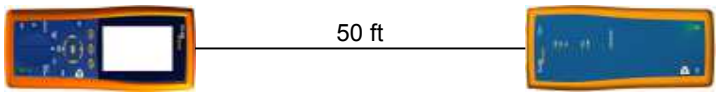
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	16.4	16.2	16.7	17.1
Freq. (MHz)	337.0	398.0	500.0	500.0
Limit (dB)	12.7	11.3	9.3	9.3
Worst Pair	36	36	45	36
PS ACR-F (dB)	17.6	17.2	18.9	17.9
Freq. (MHz)	363.0	363.0	500.0	500.0
Limit (dB)	9.1	9.1	6.3	6.3

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

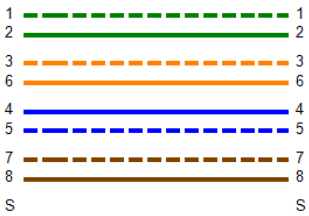
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	12	36	36
RL (dB)	8.8	8.6	8.8	9.3
Freq. (MHz)	438.0	204.0	438.0	437.0
Limit (dB)	6.0	8.9	6.0	6.0

Compliant Network Standards:

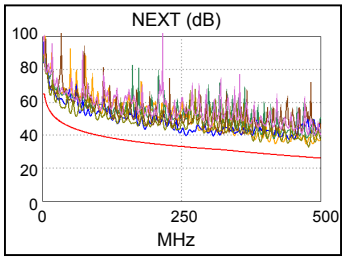
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

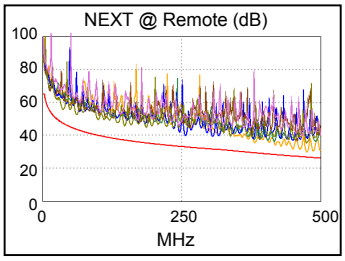


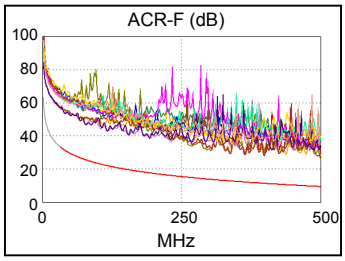
Wire Map (T568A)
PASS

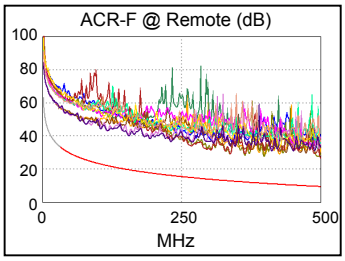


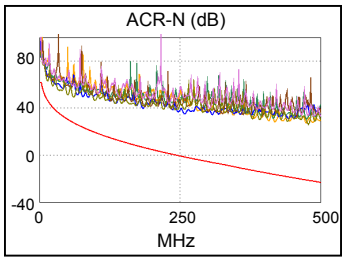


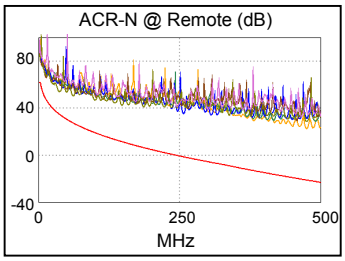


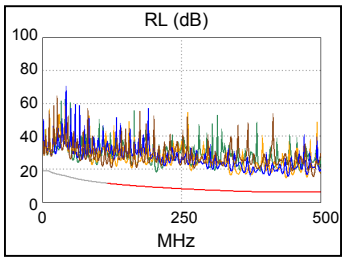


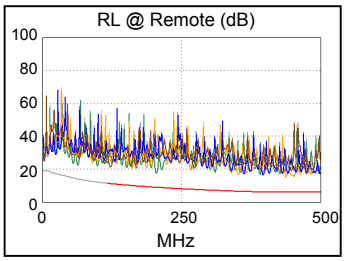












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

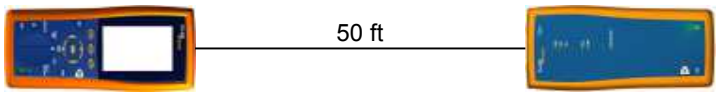
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	16.6	16.2	17.6	17.9
Freq. (MHz)	368.0	368.0	497.0	500.0
Limit (dB)	11.9	11.9	9.3	9.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	18.0	17.9	19.0	17.9
Freq. (MHz)	368.0	498.0	500.0	498.0
Limit (dB)	8.9	6.3	6.3	6.3

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

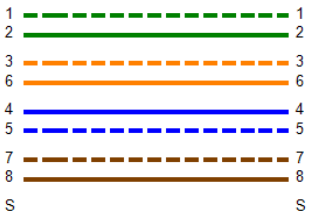
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	78
RL (dB)	9.4	9.6	10.1	9.6
Freq. (MHz)	122.0	472.0	479.0	472.0
Limit (dB)	11.1	6.0	6.0	6.0

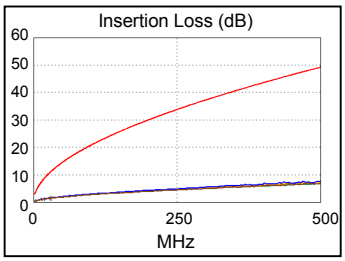
Compliant Network Standards:

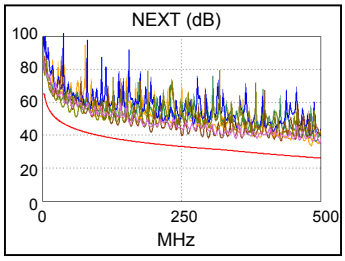
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

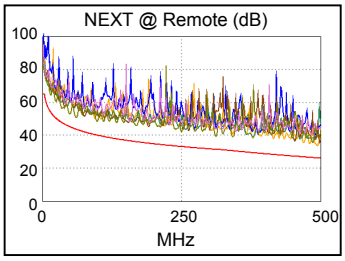


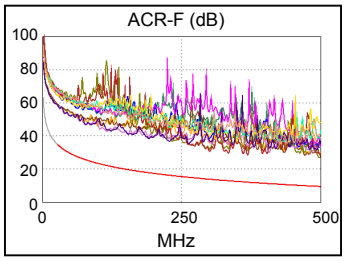
Wire Map (T568A)
PASS

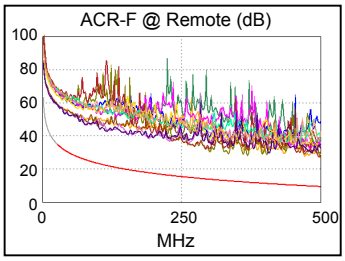


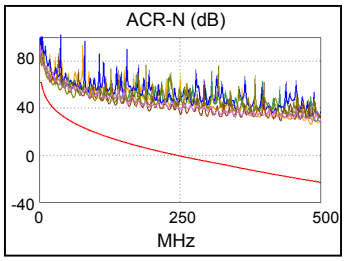


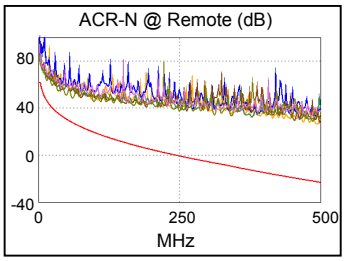


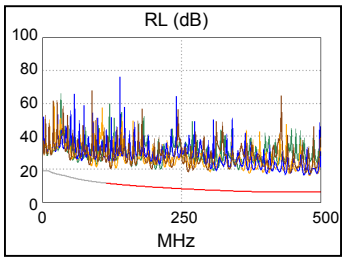


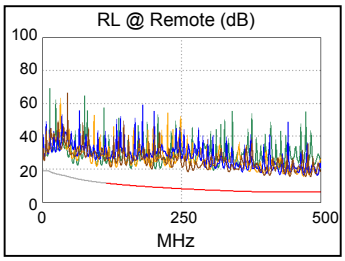












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

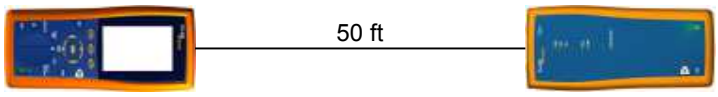
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	14.4	15.0	14.4	15.0
Freq. (MHz)	499.0	498.0	499.0	498.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	16.8	16.4	16.8	16.4
Freq. (MHz)	497.0	499.0	497.0	499.0
Limit (dB)	6.3	6.3	6.3	6.3

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

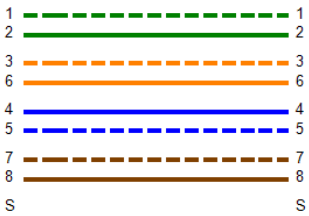
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	9.2	9.8	9.2	9.8
Freq. (MHz)	470.0	426.0	470.0	426.0
Limit (dB)	6.0	6.0	6.0	6.0

Compliant Network Standards:

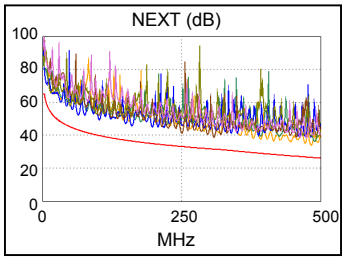
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

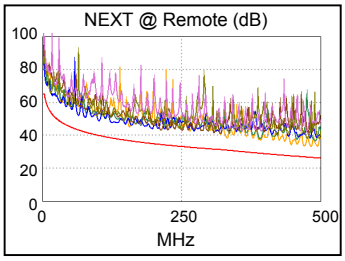


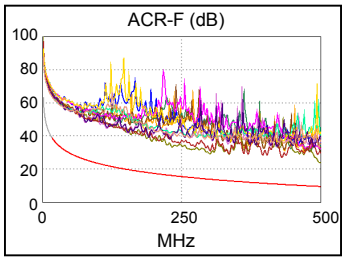
Wire Map (T568A)
PASS

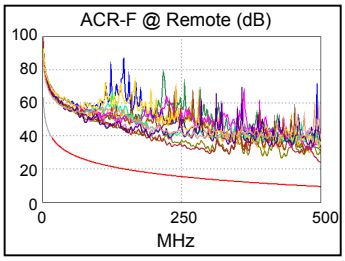


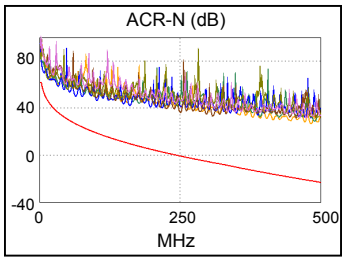


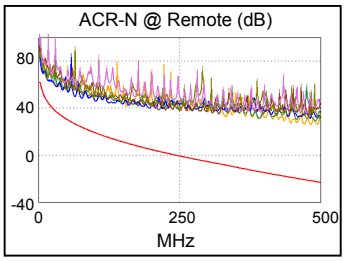


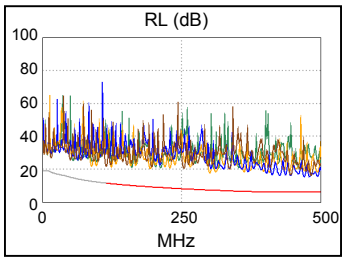


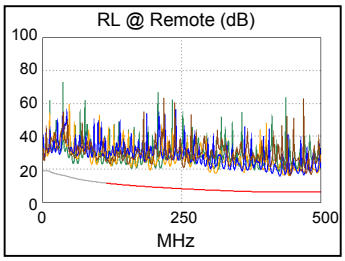












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

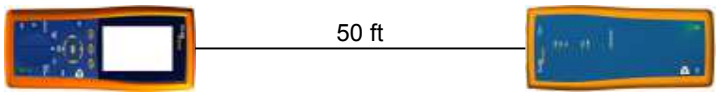
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	15.3	15.8	15.3	15.8
Freq. (MHz)	497.0	497.0	497.0	497.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	36	36	45	36
PS ACR-F (dB)	17.9	17.3	18.0	17.3
Freq. (MHz)	368.0	496.0	496.0	496.0
Limit (dB)	8.9	6.3	6.3	6.3

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

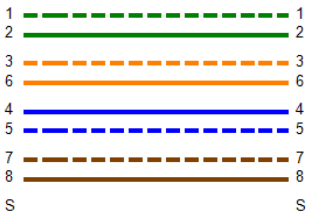
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.3	8.8	8.3	8.8
Freq. (MHz)	442.0	442.0	442.0	442.0
Limit (dB)	6.0	6.0	6.0	6.0

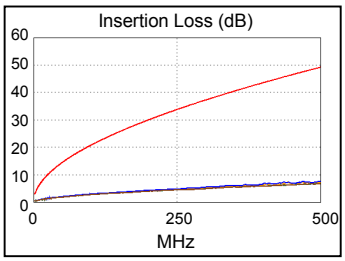
Compliant Network Standards:

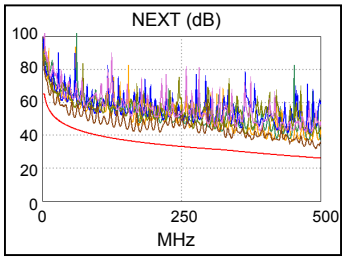
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

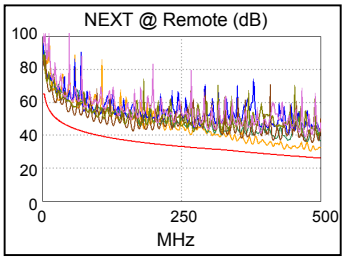


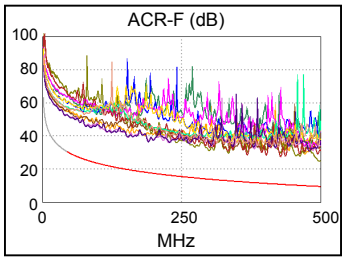
Wire Map (T568A)
PASS

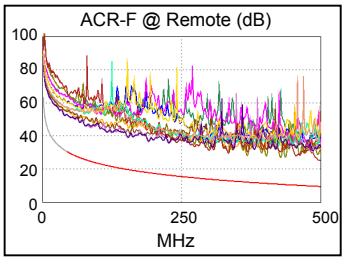


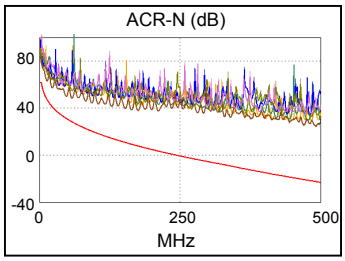


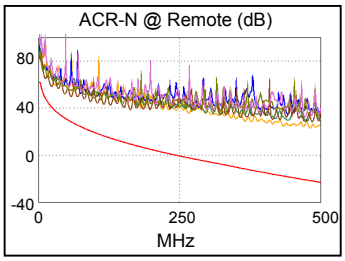


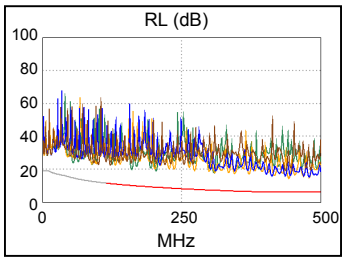


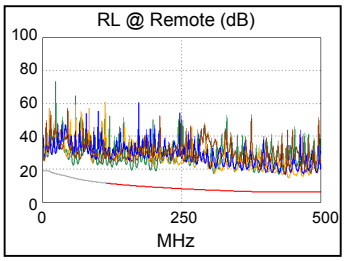












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

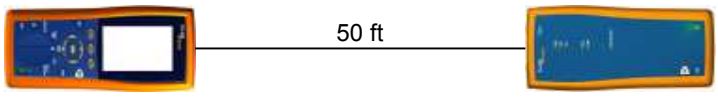
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	12.7	13.5	12.7	13.5
Freq. (MHz)	498.0	497.0	498.0	497.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	15.4	14.9	15.4	14.9
Freq. (MHz)	498.0	499.0	498.0	499.0
Limit (dB)	6.3	6.3	6.3	6.3

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

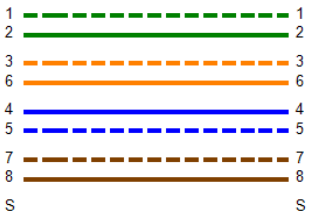
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	8.4	9.9	8.4	9.9
Freq. (MHz)	481.0	481.0	481.0	481.0
Limit (dB)	6.0	6.0	6.0	6.0

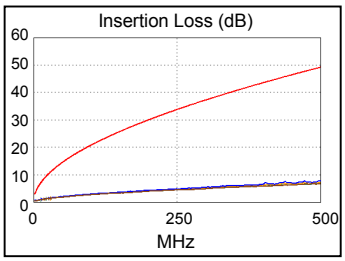
Compliant Network Standards:

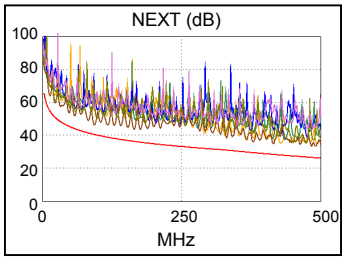
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

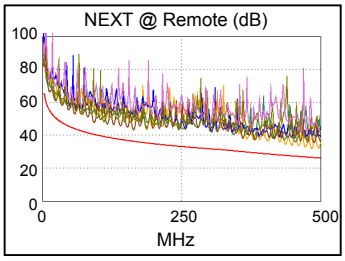


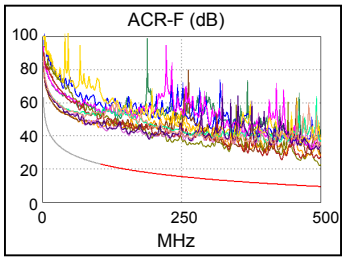
Wire Map (T568A)
PASS

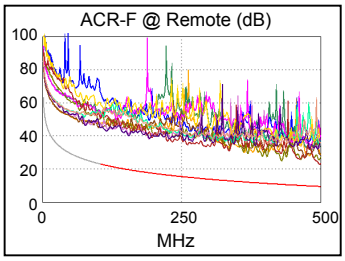


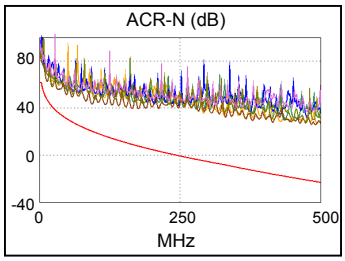


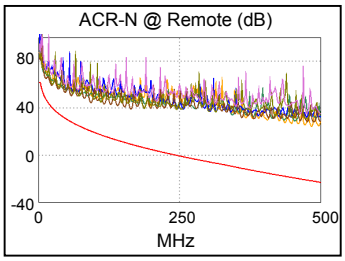


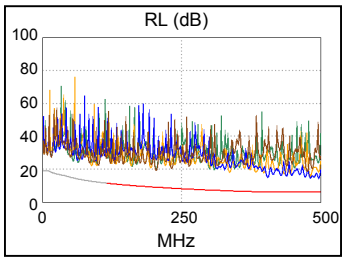


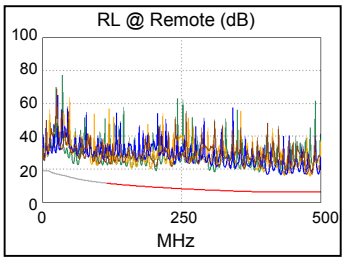












LinkWare™ PC Version 10.0

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

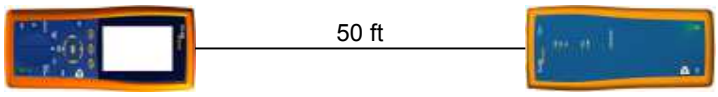
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	15.3	16.0	15.3	16.0
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	36	36	45	36
PS ACR-F (dB)	17.5	17.1	17.6	17.1
Freq. (MHz)	334.0	500.0	500.0	500.0
Limit (dB)	9.8	6.3	6.3	6.3

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

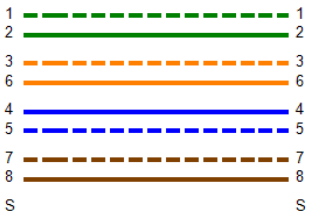
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	8.2	9.1	8.2	9.1
Freq. (MHz)	478.0	434.0	478.0	434.0
Limit (dB)	6.0	6.0	6.0	6.0

Compliant Network Standards:

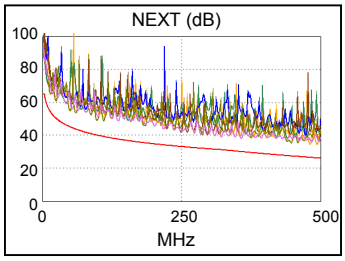
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

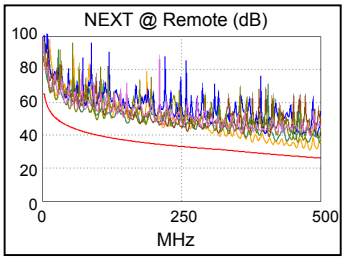


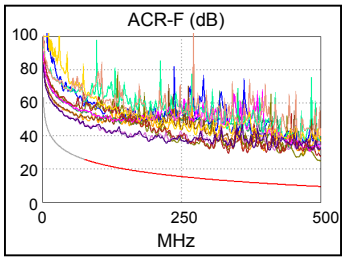
Wire Map (T568A)
PASS

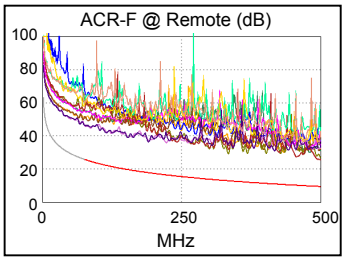


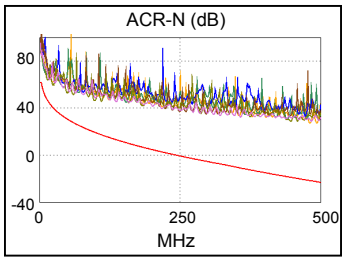


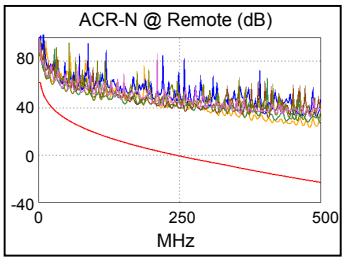


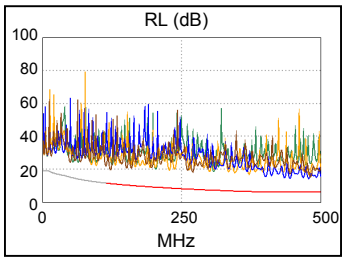


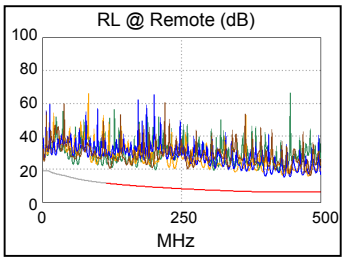












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

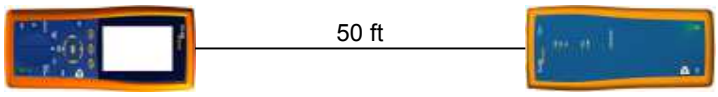
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	14.8	15.5	14.8	15.5
Freq. (MHz)	498.0	498.0	498.0	498.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	16.7	16.9	16.7	16.9
Freq. (MHz)	498.0	498.0	498.0	498.0
Limit (dB)	6.3	6.3	6.3	6.3

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

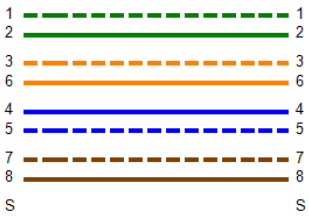
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	45	12
RL (dB)	7.8	8.9	7.8	8.9
Freq. (MHz)	437.0	160.0	437.0	433.0
Limit (dB)	6.0	10.0	6.0	6.0

Compliant Network Standards:

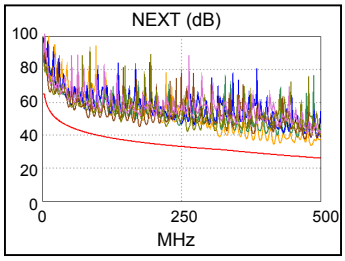
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

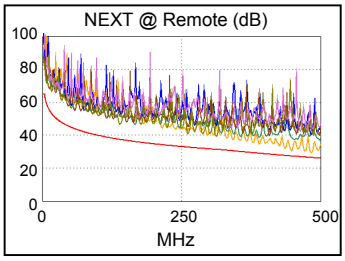


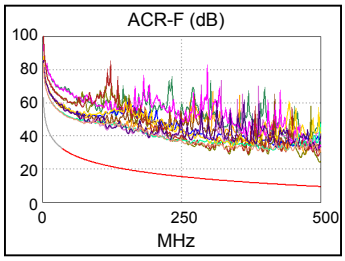
Wire Map (T568A)
PASS

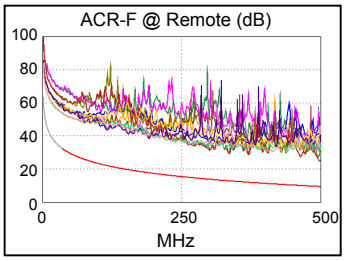


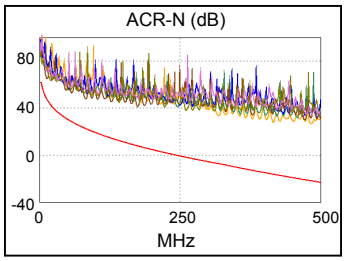


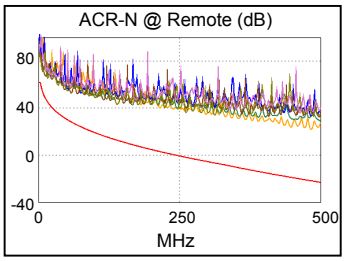


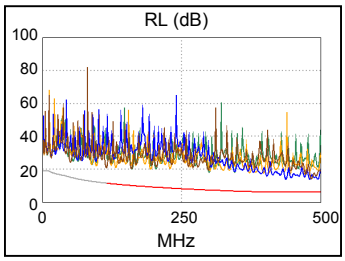


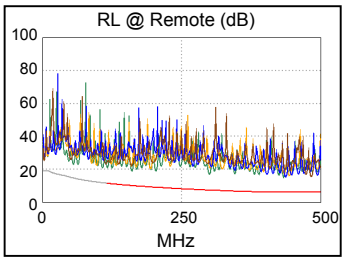












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

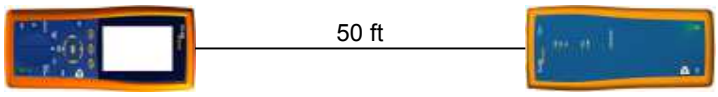
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	45-36
ACR-F (dB)	16.7	17.0	16.7	17.3
Freq. (MHz)	472.0	431.0	472.0	494.0
Limit (dB)	9.8	10.6	9.8	9.4
Worst Pair	36	36	45	36
PS ACR-F (dB)	17.6	17.7	18.3	17.9
Freq. (MHz)	370.0	336.0	499.0	500.0
Limit (dB)	8.9	9.7	6.3	6.3

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

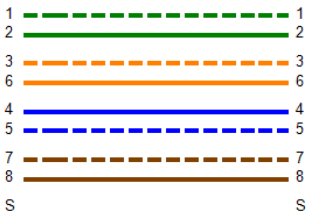
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	12	36	12
RL (dB)	8.9	9.3	8.9	9.3
Freq. (MHz)	373.0	426.0	373.0	426.0
Limit (dB)	6.3	6.0	6.3	6.0

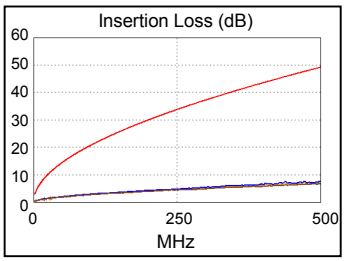
Compliant Network Standards:

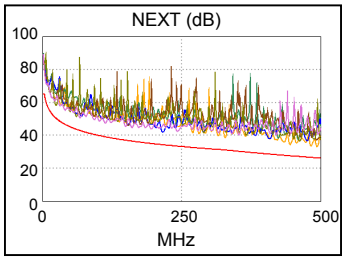
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

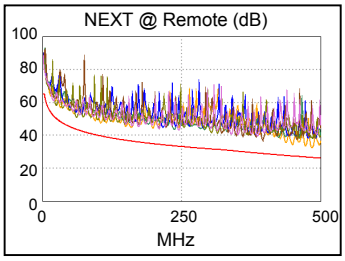


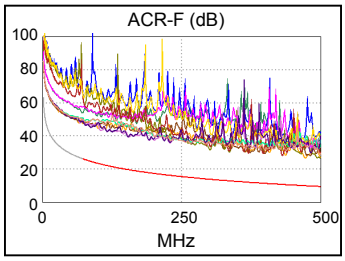
Wire Map (T568A)
PASS

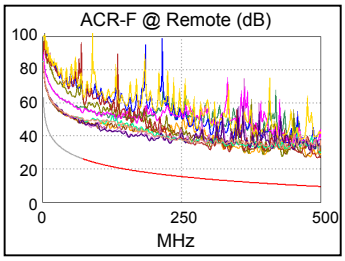


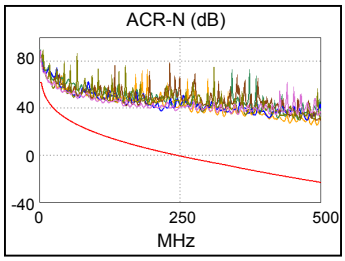


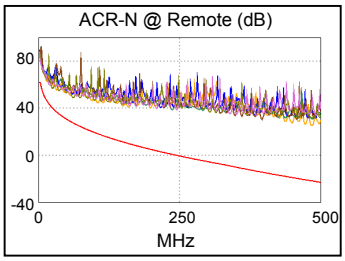


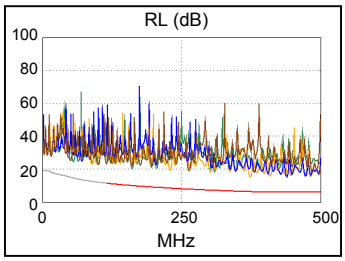


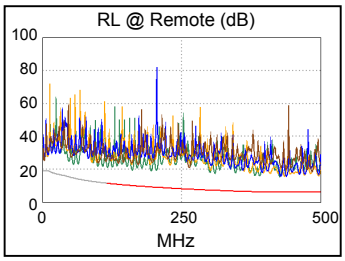












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

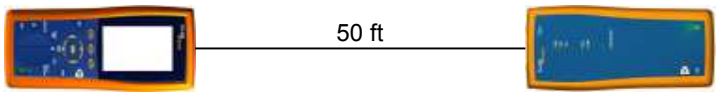
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	16.7	16.7	16.7	16.7
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	18.7	17.3	18.7	17.3
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	6.3	6.3	6.3	6.3

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

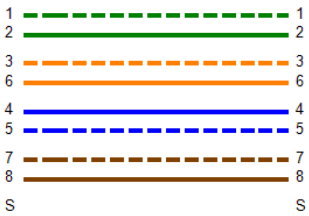
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	8.7	8.7	8.7	8.7
Freq. (MHz)	447.0	436.0	447.0	436.0
Limit (dB)	6.0	6.0	6.0	6.0

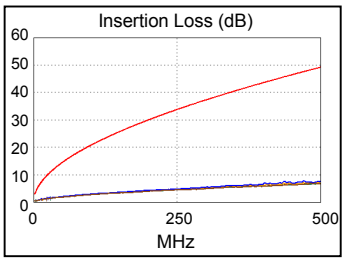
Compliant Network Standards:

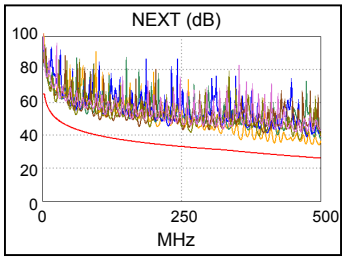
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

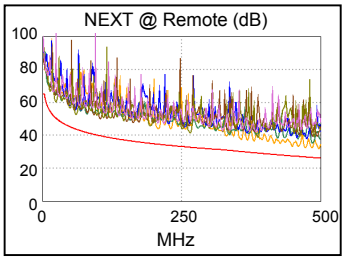


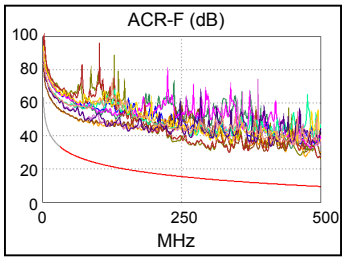
Wire Map (T568A)
PASS

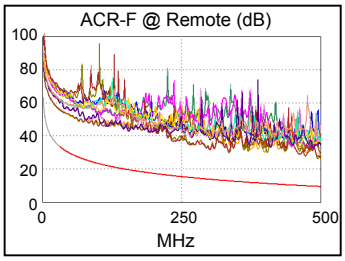


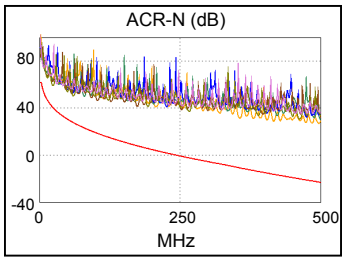


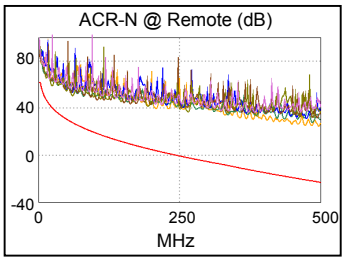


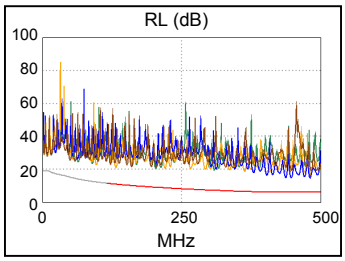


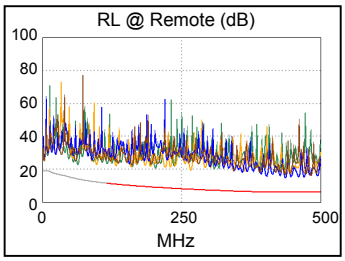












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

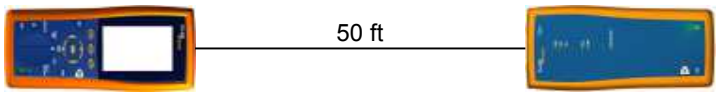
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	15.2	15.8	15.2	15.8
Freq. (MHz)	498.0	498.0	498.0	498.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	17.9	16.8	17.9	16.8
Freq. (MHz)	497.0	498.0	497.0	498.0
Limit (dB)	6.3	6.3	6.3	6.3

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

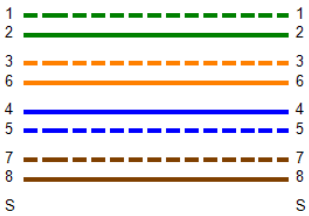
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	8.6	9.7	8.6	9.7
Freq. (MHz)	479.0	436.0	479.0	436.0
Limit (dB)	6.0	6.0	6.0	6.0

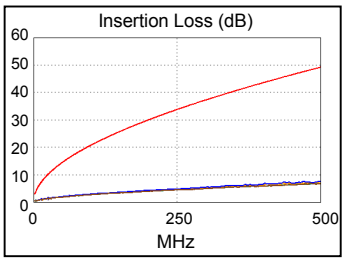
Compliant Network Standards:

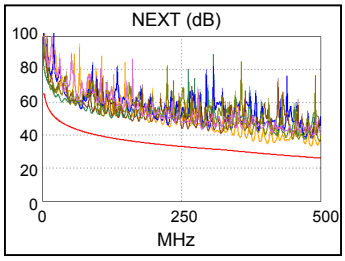
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

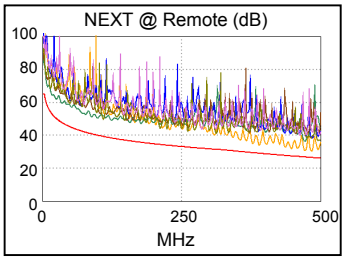


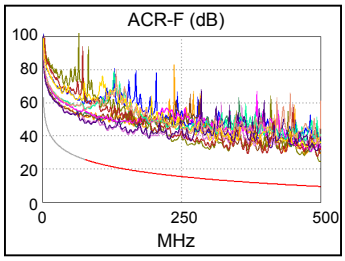
Wire Map (T568A)
PASS

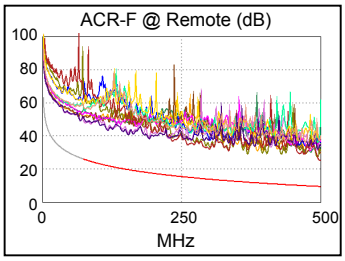


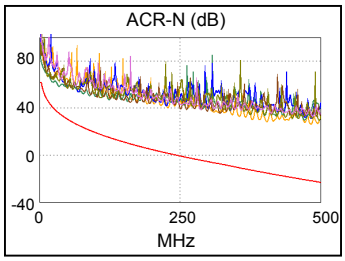


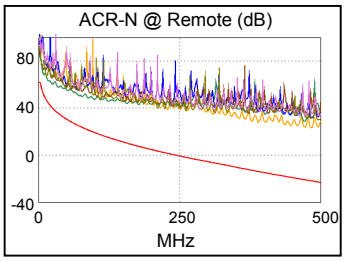


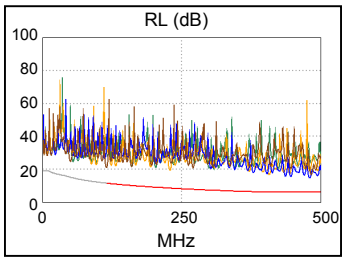


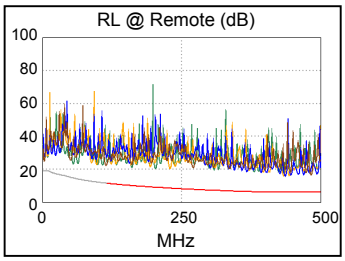












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

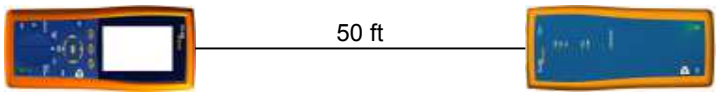
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	16.0	16.7	16.0	16.7
Freq. (MHz)	498.0	335.0	498.0	498.0
Limit (dB)	9.3	12.8	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	18.6	17.1	18.6	17.1
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	6.3	6.3	6.3	6.3

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

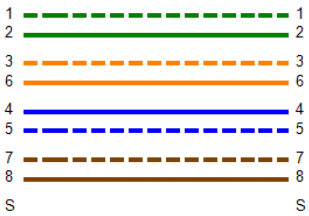
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
RL (dB)	8.1	8.8	8.1	10.8
Freq. (MHz)	131.5	131.5	495.0	437.0
Limit (dB)	10.8	10.8	6.0	6.0

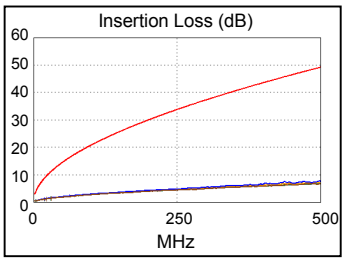
Compliant Network Standards:

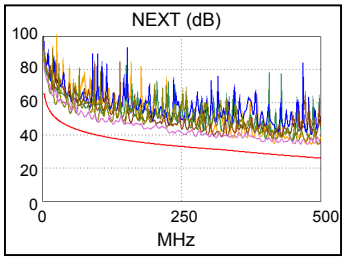
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

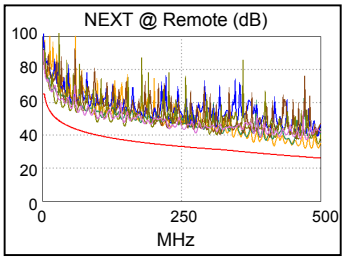


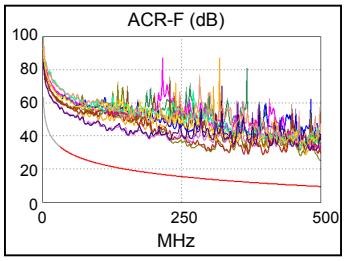
Wire Map (T568A)
PASS

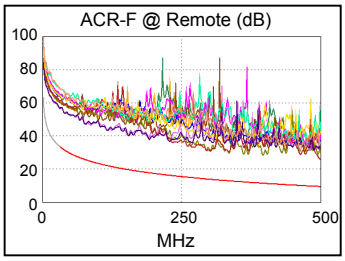


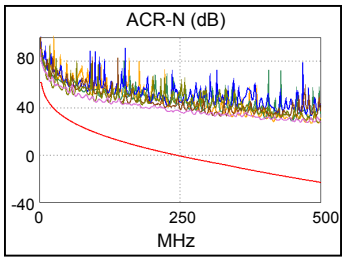


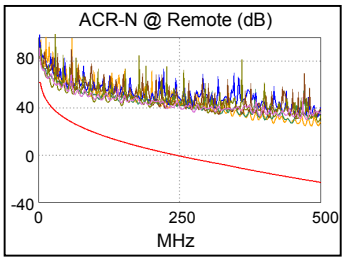


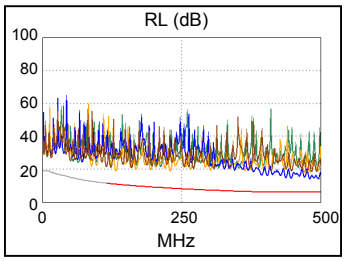


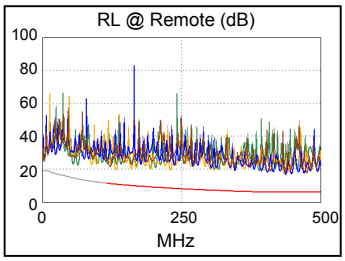












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

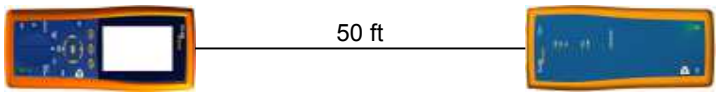
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	15.9	16.4	15.9	16.4
Freq. (MHz)	499.0	301.0	499.0	499.0
Limit (dB)	9.3	13.7	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	18.1	17.1	18.1	17.1
Freq. (MHz)	499.0	500.0	499.0	500.0
Limit (dB)	6.3	6.3	6.3	6.3

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

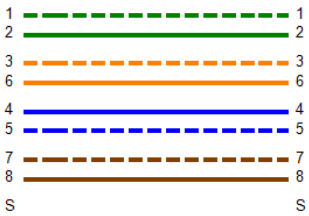
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	45
RL (dB)	8.6	9.2	8.6	9.5
Freq. (MHz)	302.0	302.0	302.0	428.0
Limit (dB)	7.2	7.2	7.2	6.0

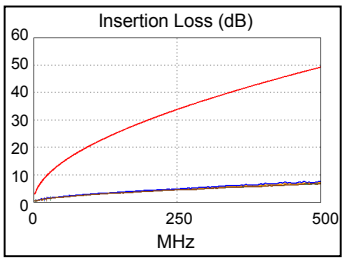
Compliant Network Standards:

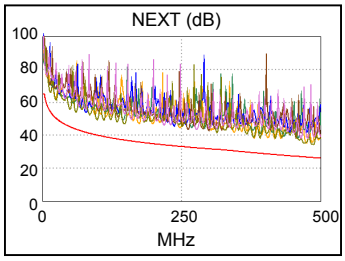
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

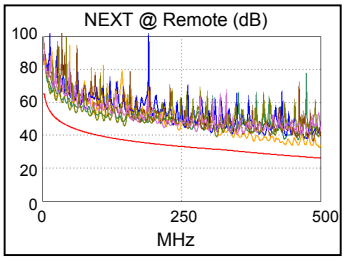


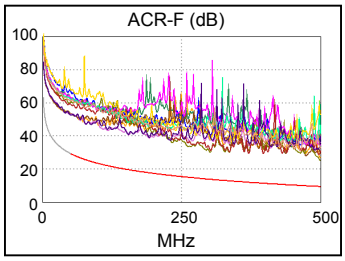
Wire Map (T568A)
PASS

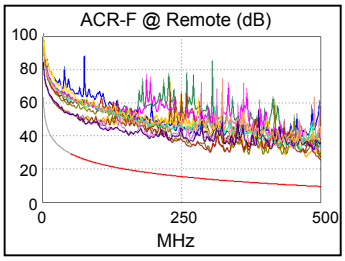


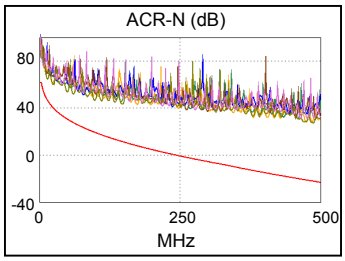


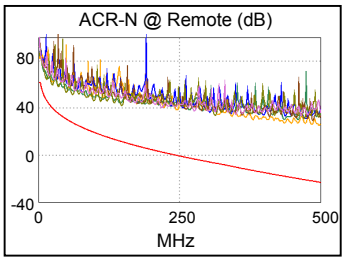


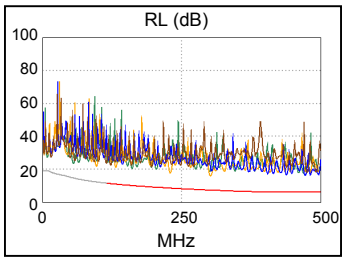


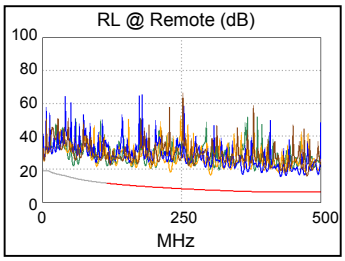












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

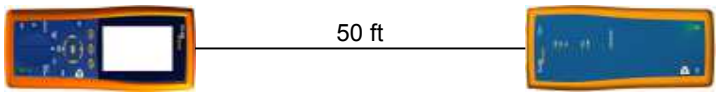
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	16.4	16.4	16.4	16.8
Freq. (MHz)	500.0	370.0	500.0	500.0
Limit (dB)	9.3	11.9	9.3	9.3
Worst Pair	36	36	45	36
PS ACR-F (dB)	17.3	17.2	18.4	17.2
Freq. (MHz)	370.0	500.0	500.0	500.0
Limit (dB)	8.9	6.3	6.3	6.3

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

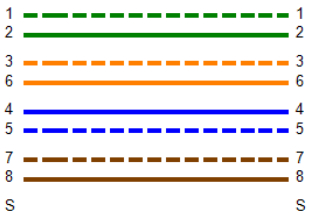
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	8.7	8.9	8.7	8.9
Freq. (MHz)	481.0	461.0	481.0	461.0
Limit (dB)	6.0	6.0	6.0	6.0

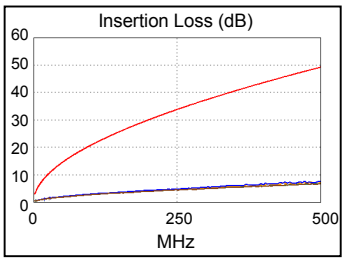
Compliant Network Standards:

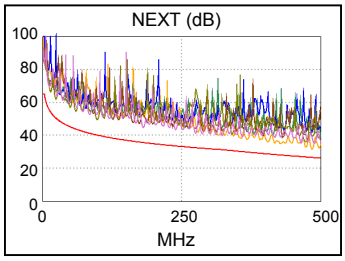
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

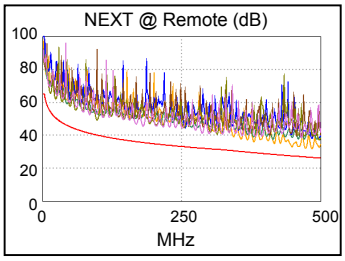


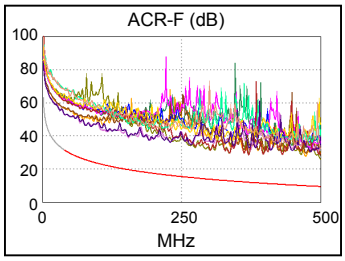
Wire Map (T568A)
PASS

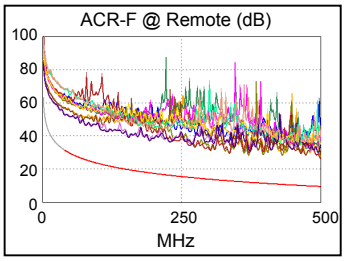


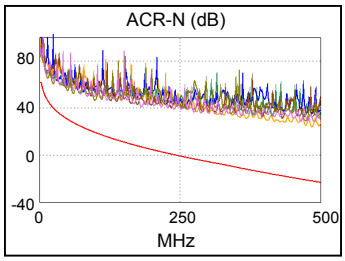


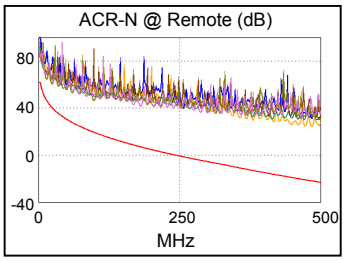


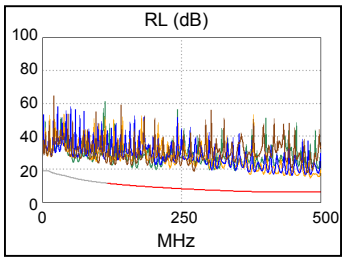


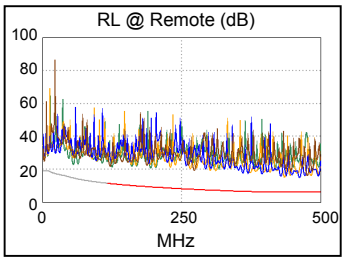












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

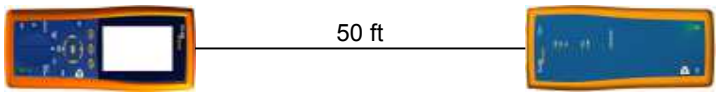
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	14.7	15.1	14.7	15.1
Freq. (MHz)	498.0	498.0	498.0	498.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	17.3	16.4	17.3	16.4
Freq. (MHz)	497.0	499.0	497.0	499.0
Limit (dB)	6.3	6.3	6.3	6.3

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

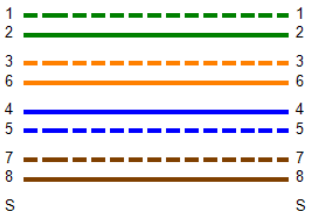
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
RL (dB)	9.7	10.4	10.4	10.7
Freq. (MHz)	123.5	123.5	447.0	436.0
Limit (dB)	11.1	11.1	6.0	6.0

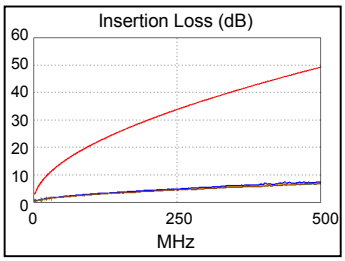
Compliant Network Standards:

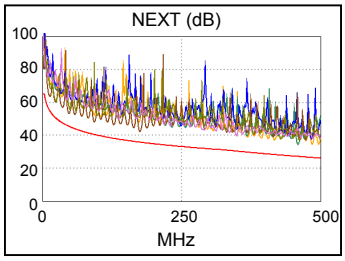
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

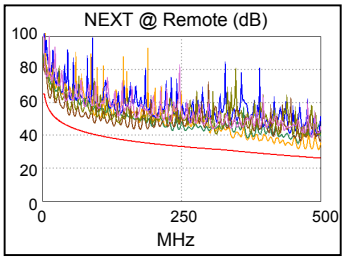


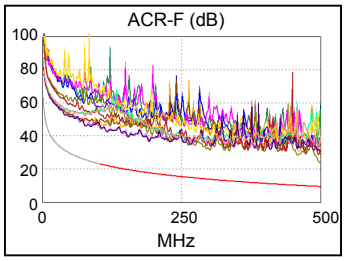
Wire Map (T568A)
PASS

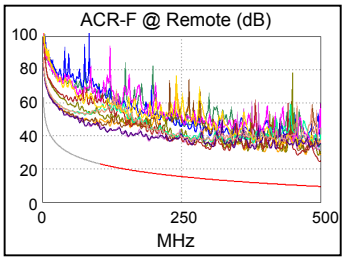


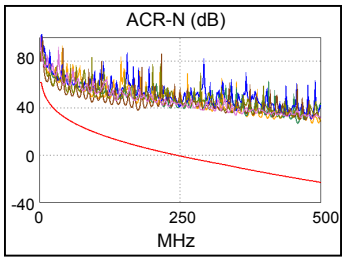


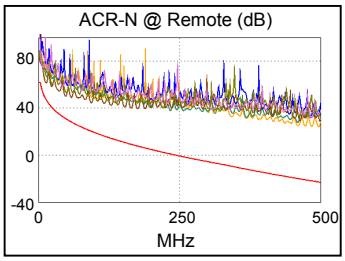


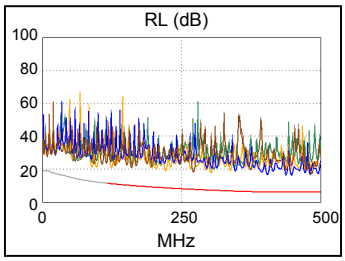


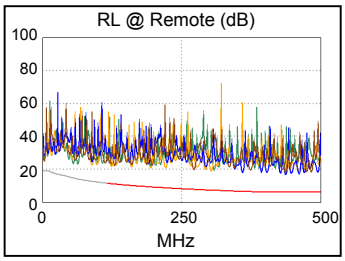












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

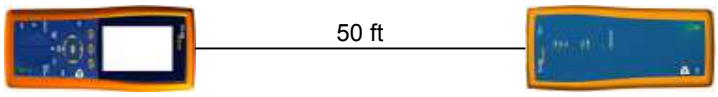
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	15.3	15.0	16.8	17.1
Freq. (MHz)	370.0	370.0	500.0	500.0
Limit (dB)	11.9	11.9	9.3	9.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.7	17.2	16.7	17.3
Freq. (MHz)	370.0	335.0	370.0	500.0
Limit (dB)	8.9	9.8	8.9	6.3

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

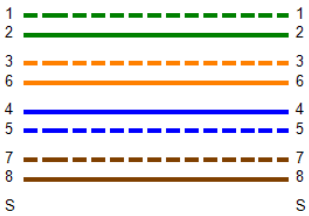
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.7	9.0	8.7	9.0
Freq. (MHz)	497.0	435.0	497.0	435.0
Limit (dB)	6.0	6.0	6.0	6.0

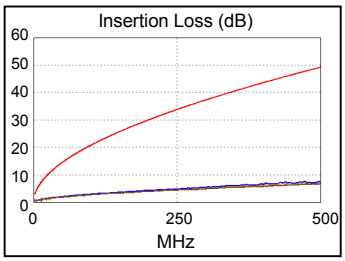
Compliant Network Standards:

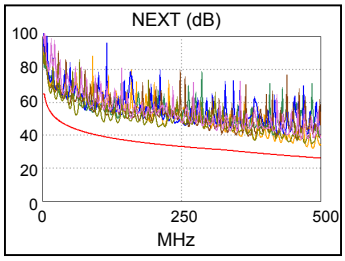
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

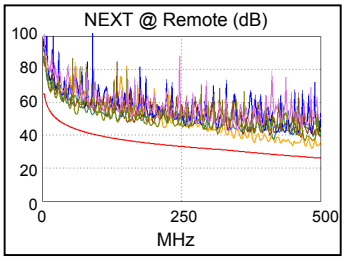


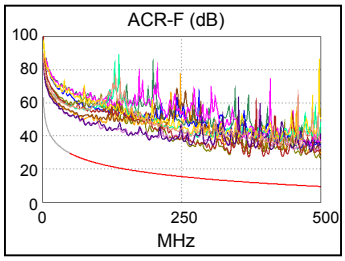
Wire Map (T568A)
PASS

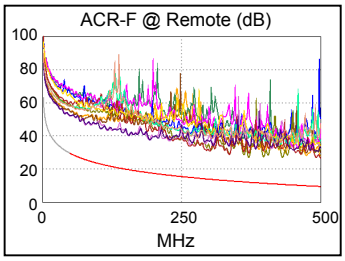


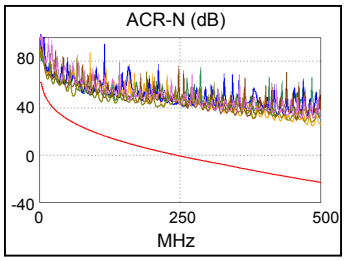


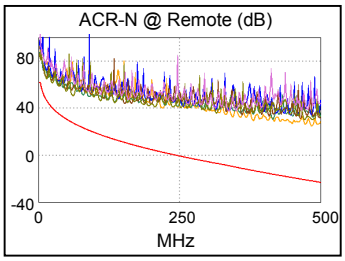


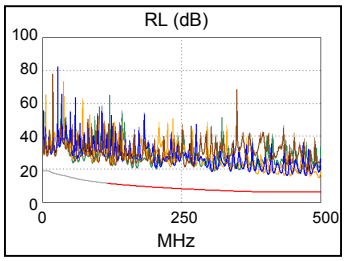


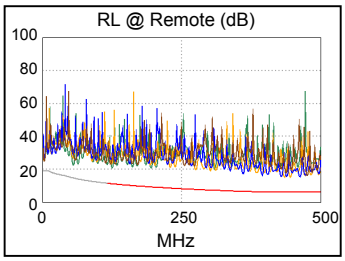












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

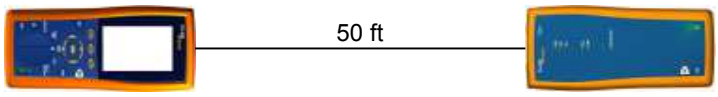
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	14.7	15.3	14.7	15.3
Freq. (MHz)	499.0	499.0	499.0	499.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	17.5	16.8	17.5	16.8
Freq. (MHz)	499.0	499.0	499.0	499.0
Limit (dB)	6.3	6.3	6.3	6.3

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

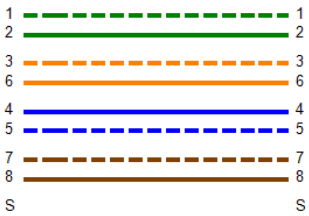
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.9	8.7	7.9	8.7
Freq. (MHz)	480.0	469.0	480.0	469.0
Limit (dB)	6.0	6.0	6.0	6.0

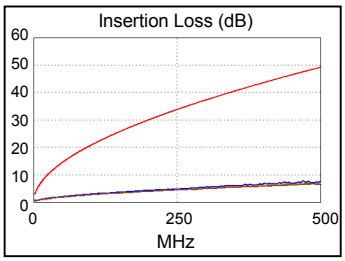
Compliant Network Standards:

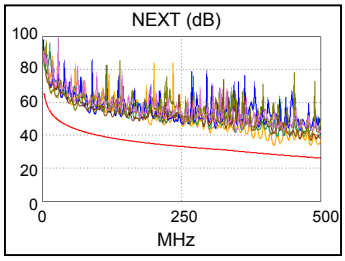
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

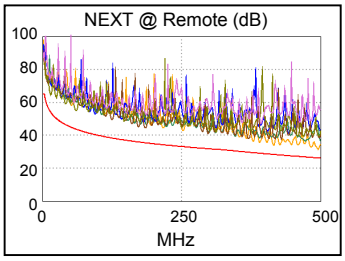


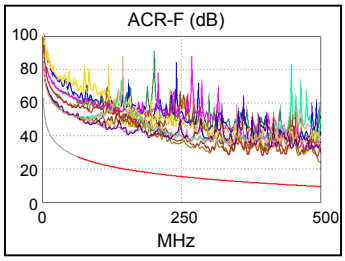
Wire Map (T568A)
PASS

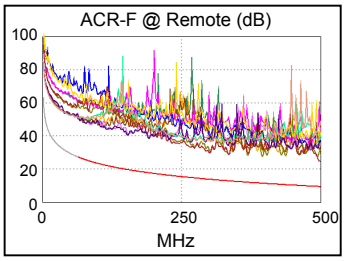


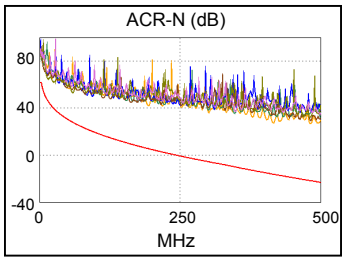


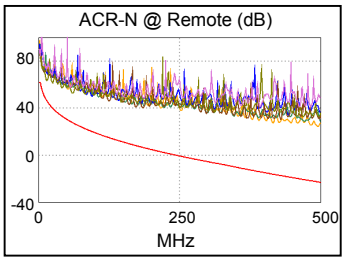


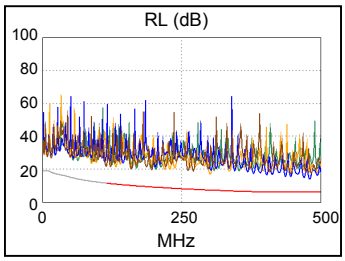


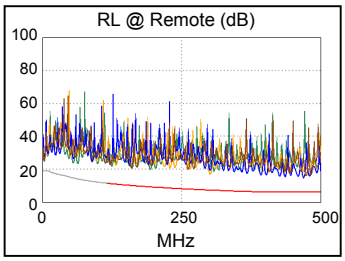












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

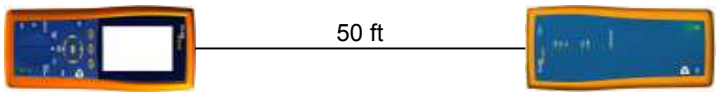
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	14.9	15.5	14.9	15.5
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	17.7	16.9	17.7	16.9
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	6.3	6.3	6.3	6.3

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

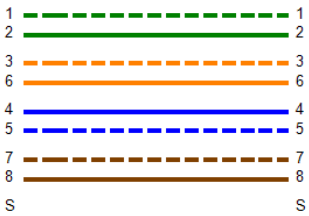
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	6.7	7.5	7.2	7.5
Freq. (MHz)	159.5	483.0	483.0	483.0
Limit (dB)	10.0	6.0	6.0	6.0

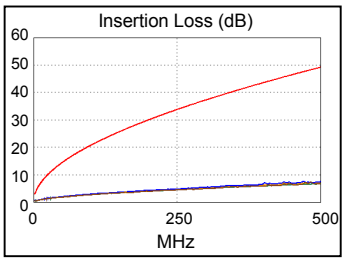
Compliant Network Standards:

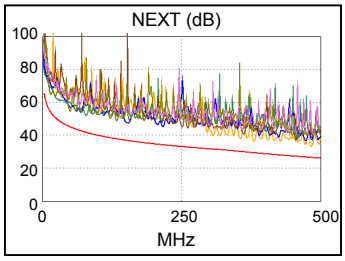
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

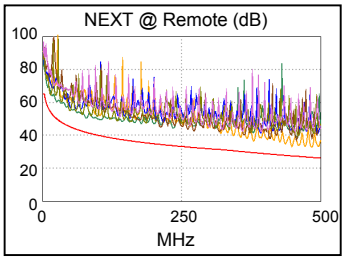


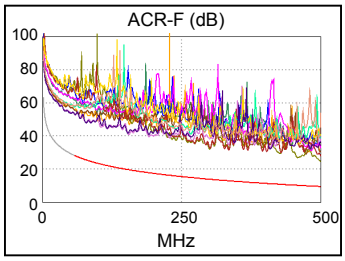
Wire Map (T568A)
PASS

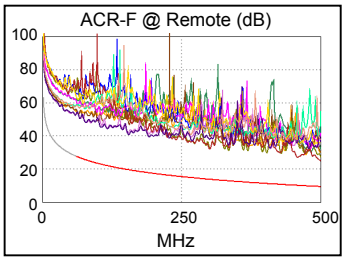


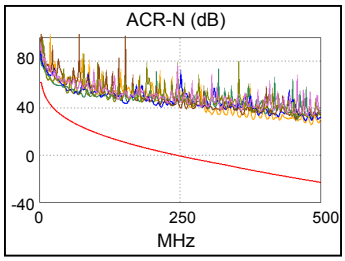


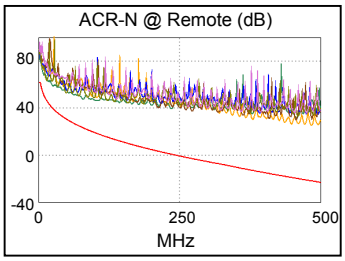


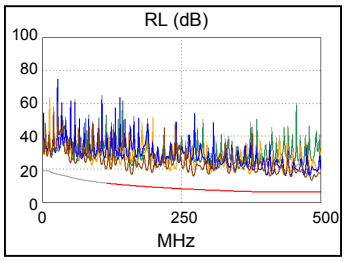


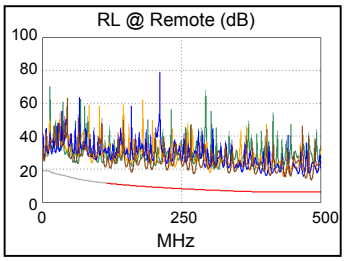












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

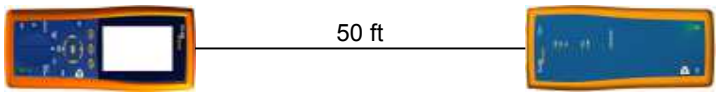
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	14.6	15.0	14.6	15.0
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	17.0	16.2	17.0	16.2
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	6.3	6.3	6.3	6.3

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

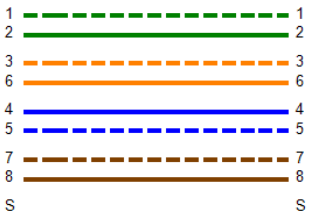
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	7.8	8.2	7.8	8.2
Freq. (MHz)	497.0	435.0	497.0	435.0
Limit (dB)	6.0	6.0	6.0	6.0

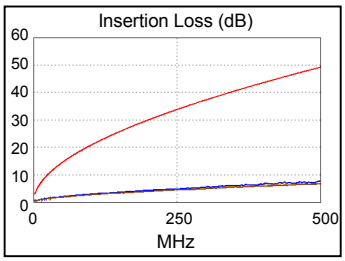
Compliant Network Standards:

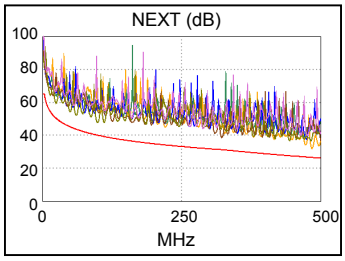
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

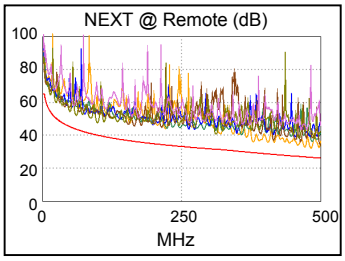


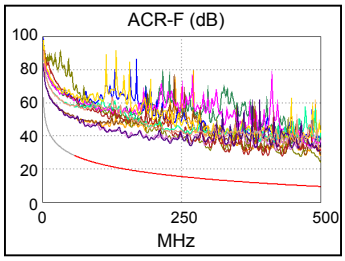
Wire Map (T568A)
PASS

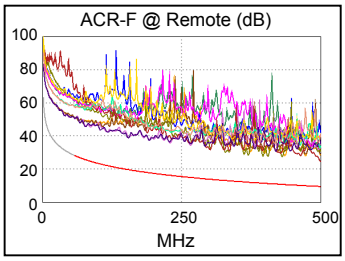


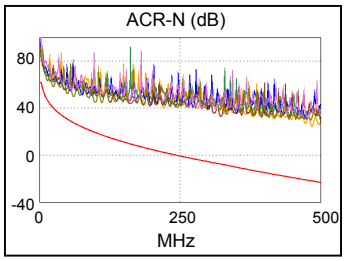


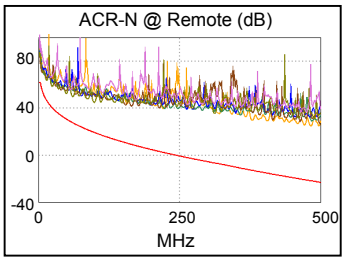


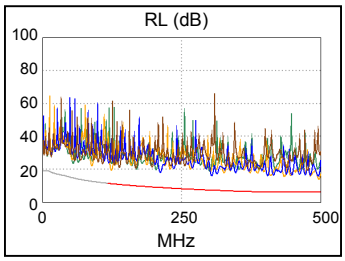


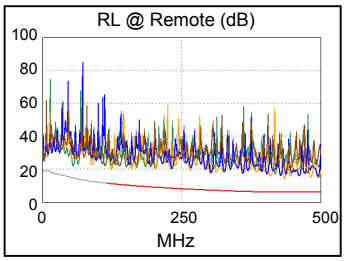












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

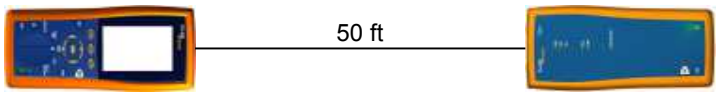
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	15.7	16.2	15.7	16.2
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	18.0	16.7	18.0	16.7
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	6.3	6.3	6.3	6.3

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

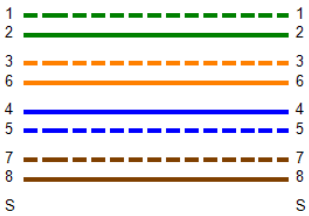
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	45
RL (dB)	8.6	8.8	8.6	9.2
Freq. (MHz)	481.0	302.0	481.0	471.0
Limit (dB)	6.0	7.2	6.0	6.0

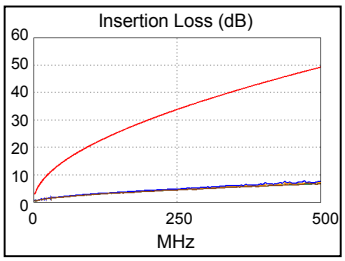
Compliant Network Standards:

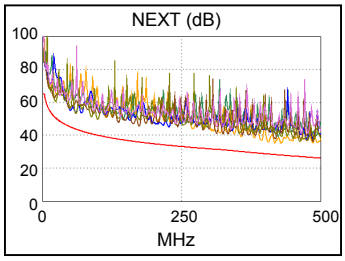
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

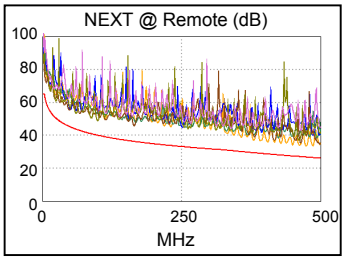


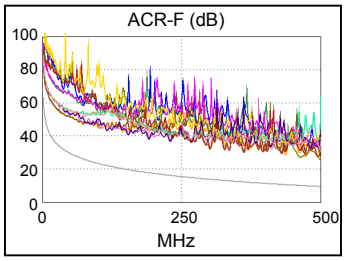
Wire Map (T568A)
PASS

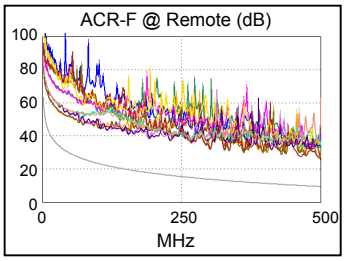


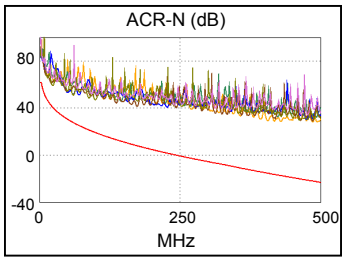


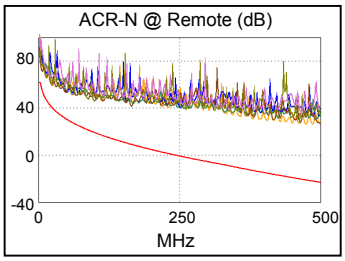


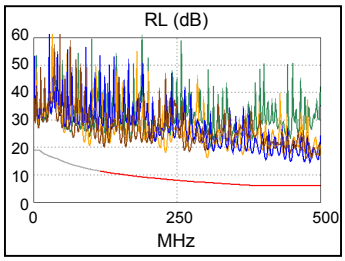


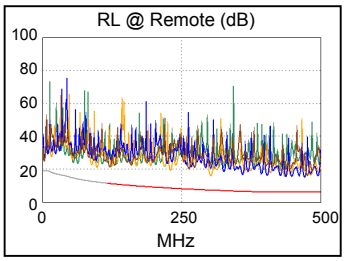












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

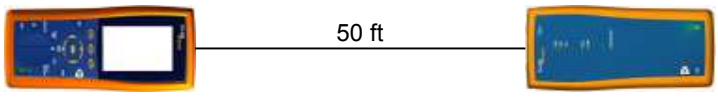
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	16.0	15.9	16.0	16.4
Freq. (MHz)	500.0	336.0	500.0	500.0
Limit (dB)	9.3	12.7	9.3	9.3
Worst Pair	36	36	45	36
PS ACR-F (dB)	18.6	17.4	18.8	17.4
Freq. (MHz)	336.0	500.0	500.0	500.0
Limit (dB)	9.7	6.3	6.3	6.3

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

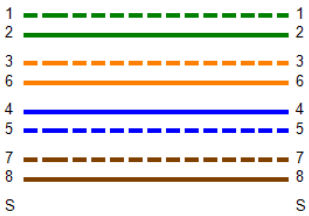
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.5	7.5	7.5	7.5
Freq. (MHz)	481.0	437.0	481.0	437.0
Limit (dB)	6.0	6.0	6.0	6.0

Compliant Network Standards:

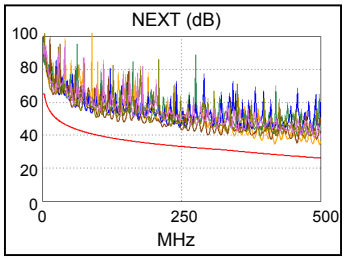
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

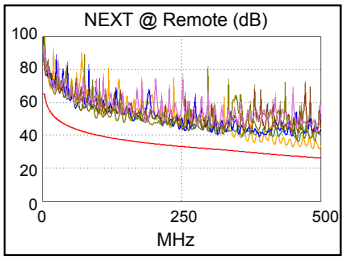


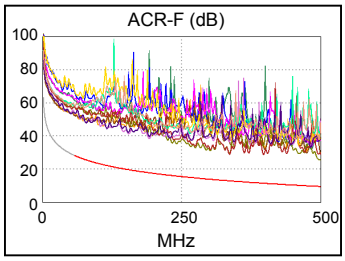
Wire Map (T568A)
PASS

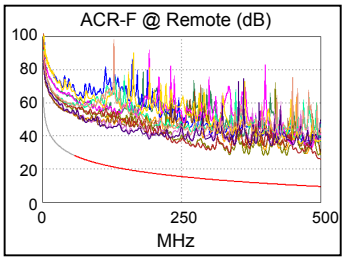


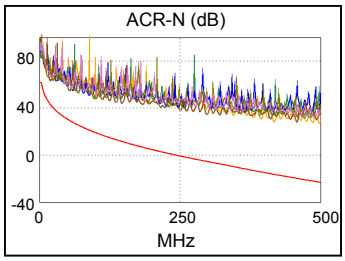


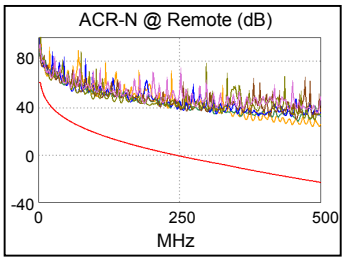


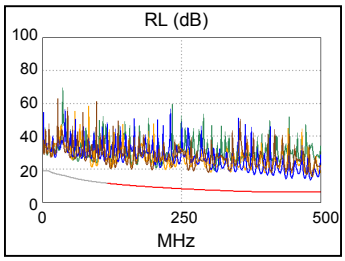


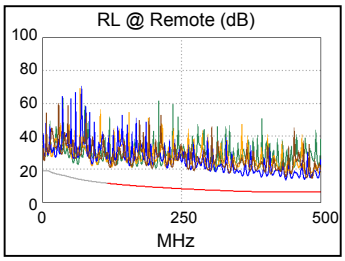












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

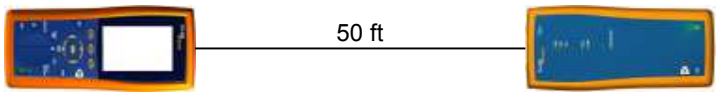
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	16.1	16.6	16.1	16.6
Freq. (MHz)	500.0	335.0	500.0	500.0
Limit (dB)	9.3	12.8	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	17.7	17.8	17.7	17.8
Freq. (MHz)	495.0	500.0	496.0	500.0
Limit (dB)	6.4	6.3	6.3	6.3

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

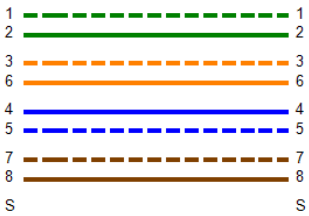
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	8.3	7.6	8.3	7.6
Freq. (MHz)	471.0	495.0	471.0	495.0
Limit (dB)	6.0	6.0	6.0	6.0

Compliant Network Standards:

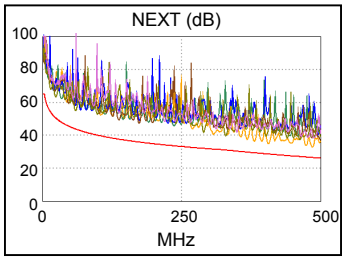
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

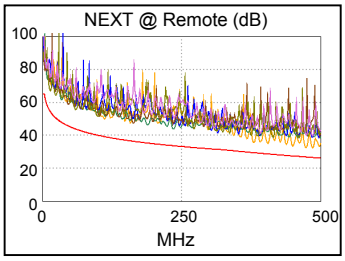


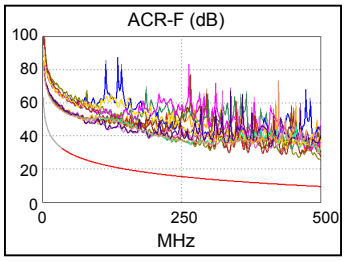
Wire Map (T568A)
PASS

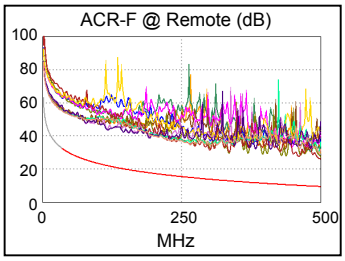


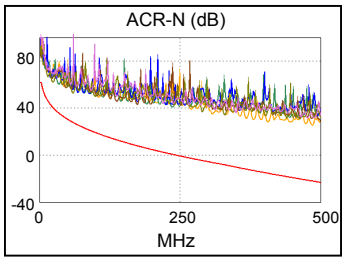


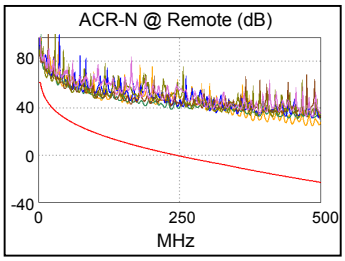


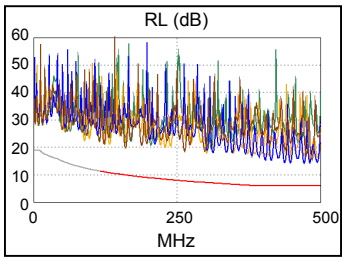


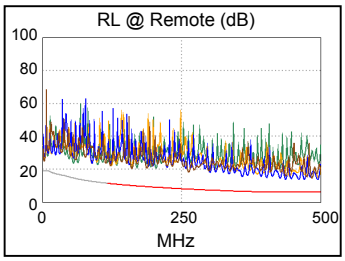












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

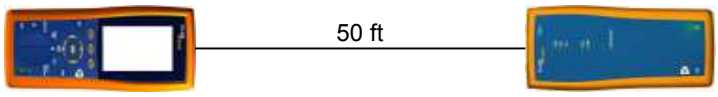
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	16.7	16.8	16.7	17.1
Freq. (MHz)	500.0	397.0	500.0	500.0
Limit (dB)	9.3	11.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	17.4	17.8	18.1	17.8
Freq. (MHz)	302.0	500.0	496.0	500.0
Limit (dB)	10.7	6.3	6.3	6.3

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

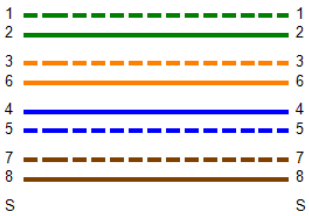
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	8.6	8.7	8.6	8.7
Freq. (MHz)	439.0	496.0	439.0	496.0
Limit (dB)	6.0	6.0	6.0	6.0

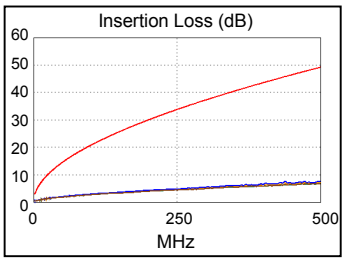
Compliant Network Standards:

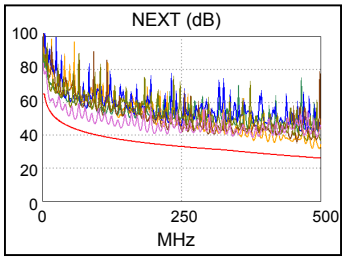
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

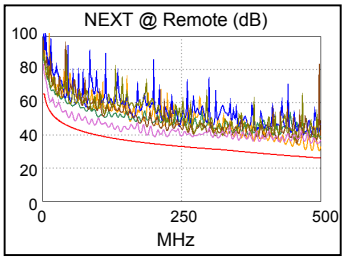


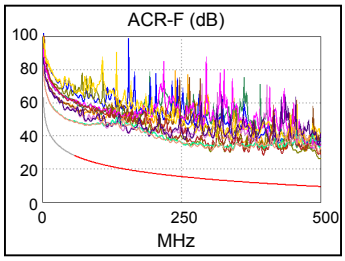
Wire Map (T568A)
PASS

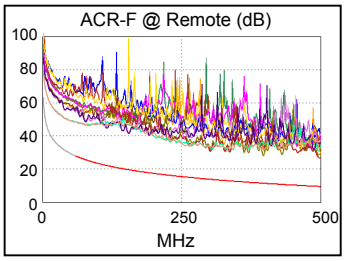


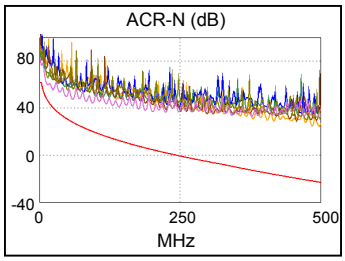


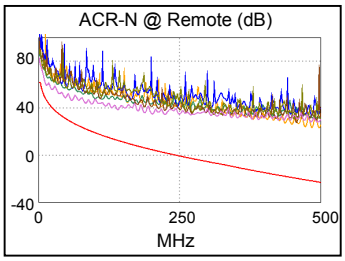


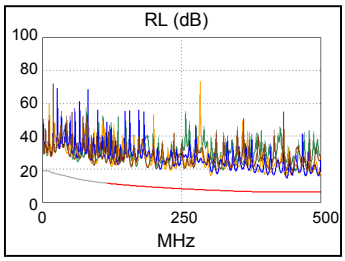


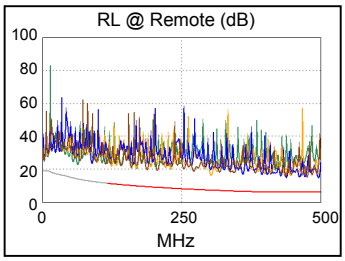












LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

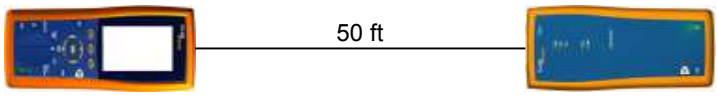
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	12-36
ACR-F (dB)	16.5	16.3	16.5	16.6
Freq. (MHz)	473.0	430.0	473.0	472.0
Limit (dB)	9.8	10.6	9.8	9.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	17.5	17.7	18.8	17.7
Freq. (MHz)	370.0	499.0	499.0	499.0
Limit (dB)	8.9	6.3	6.3	6.3

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

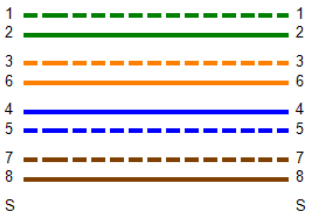
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.7	8.0	8.7	8.0
Freq. (MHz)	445.0	444.0	445.0	444.0
Limit (dB)	6.0	6.0	6.0	6.0

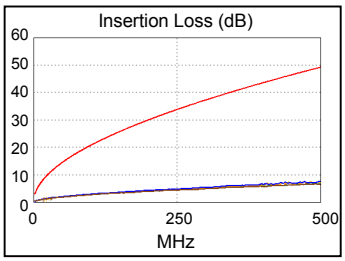
Compliant Network Standards:

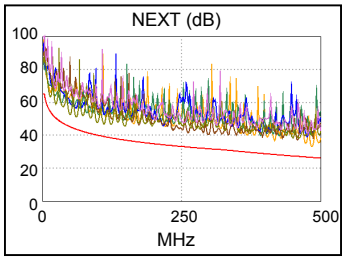
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

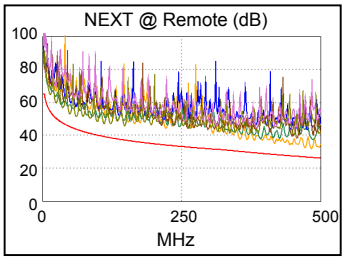


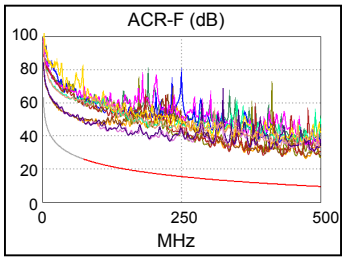
Wire Map (T568A)
PASS

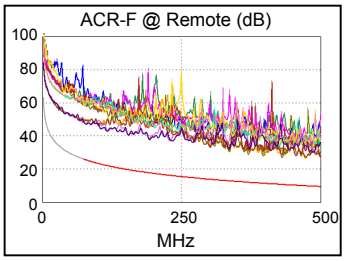


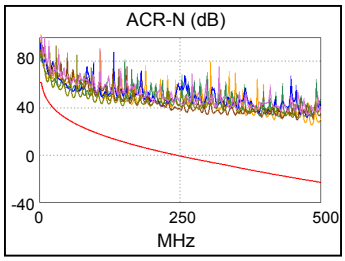


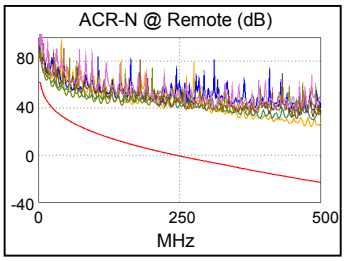


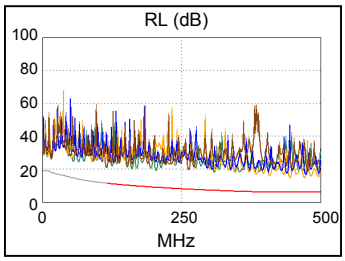


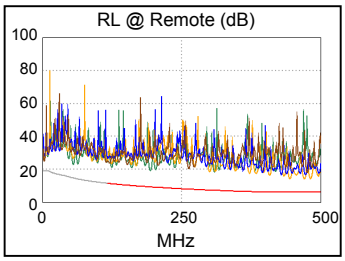












Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
RACK-02-PT-01	PASS	TIA Cat 6A Channel	43 ft	4.3 dB (NEXT)	12/26/2018 04:13 PM
RACK-02-PT-02	PASS	TIA Cat 6A Channel	44 ft	5.8 dB (NEXT)	12/26/2018 04:13 PM
RACK-02-PT-03	PASS	TIA Cat 6A Channel	43 ft	5.2 dB (NEXT)	12/26/2018 04:14 PM
RACK-02-PT-04	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