LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-01

Test Summary: PASS

Date / Time: 12/27/2018 04:25:18 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)
Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:25:18 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	67	
Length ft	45	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.39	0.18
Limit (dB)	3.64	3.62
Margin (dB)	3.25	3.44
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-02

Test Summary: PASS

Date / Time: 12/27/2018 04:25:18 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:25:18 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	67	
Length ft	45	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.12	-0.14
Limit (dB)	3.64	3.62
Margin (dB)	3.52	3.76
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-03

Test Summary: PASS

Date / Time: 12/27/2018 04:26:13 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:26:13 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	66	
Length ft	44	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.39	0.18
Limit (dB)	3.64	3.62
Margin (dB)	3.25	3.44
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-04

Test Summary: PASS

Date / Time: 12/27/2018 04:26:13 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:26:13 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	66	
Length ft	44	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.14	-0.14
Limit (dB)	3.64	3.62
Margin (dB)	3.50	3.76
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-05

Test Summary: PASS

Date / Time: 12/27/2018 04:26:50 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:26:50 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	67	
Length ft	45	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.42	0.24
Limit (dB)	3.64	3.62
Margin (dB)	3.22	3.38
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-06

Test Summary: PASS

Date / Time: 12/27/2018 04:26:50 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:26:50 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	67	
Length ft	45	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.21	-0.07
Limit (dB)	3.64	3.62
Margin (dB)	3.43	3.69
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-07

Test Summary: PASS

Date / Time: 12/27/2018 04:27:33 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:27:33 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	67	
Length ft	45	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.51	0.34
Limit (dB)	3.64	3.62
Margin (dB)	3.13	3.28
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-08

Test Summary: PASS

Date / Time: 12/27/2018 04:27:33 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:27:33 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	67	
Length ft	45	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.01	-0.18
Limit (dB)	3.64	3.62
Margin (dB)	3.63	3.80
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-09

Test Summary: PASS

Date / Time: 12/27/2018 04:28:05 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:28:05 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	66	
Length ft	44	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.44	0.26
Limit (dB)	3.64	3.62
Margin (dB)	3.20	3.36
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-10

Test Summary: PASS

Date / Time: 12/27/2018 04:28:05 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)
Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:28:05 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	66	
Length ft	44	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.14	-0.35
Limit (dB)	3.64	3.62
Margin (dB)	3.78	3.97
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-11

Test Summary: PASS

Date / Time: 12/27/2018 04:29:30 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:29:30 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	66	
Length ft	44	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.55	0.36
Limit (dB)	3.64	3.62
Margin (dB)	3.09	3.26
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-12

Test Summary: PASS

Date / Time: 12/27/2018 04:29:30 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:29:30 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	66	
Length ft	44	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.13	-0.39
Limit (dB)	3.64	3.62
Margin (dB)	3.77	4.01
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-13

Test Summary: PASS

Date / Time: 12/27/2018 04:30:01 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:30:01 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.52	0.37
Limit (dB)	3.64	3.62
Margin (dB)	3.12	3.25
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-14

Test Summary: PASS

Date / Time: 12/27/2018 04:30:01 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:30:01 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.31	-0.57
Limit (dB)	3.64	3.62
Margin (dB)	3.95	4.19
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-15

Test Summary: PASS

Date / Time: 12/27/2018 04:30:56 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:30:56 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	65	
Length ft	44	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.53	0.35
Limit (dB)	3.64	3.62
Margin (dB)	3.11	3.27
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-16

Test Summary: PASS

Date / Time: 12/27/2018 04:30:56 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:30:56 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	65	
Length ft	44	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.29	-0.51
Limit (dB)	3.64	3.62
Margin (dB)	3.93	4.13
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-17

Test Summary: PASS

Date / Time: 12/27/2018 04:31:28 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:31:28 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.35	0.13
Limit (dB)	3.64	3.62
Margin (dB)	3.29	3.49
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-18

Date / Time: 12/27/2018 04:31:28 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:31:28 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.55	-0.81
Limit (dB)	3.64	3.62
Margin (dB)	4.19	4.43
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-19

Test Summary: PASS

Date / Time: 12/27/2018 04:32:00 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:32:00 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.34	0.21
Limit (dB)	3.64	3.62
Margin (dB)	3.30	3.41
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-20

Test Summary: PASS

Date / Time: 12/27/2018 04:32:00 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:32:00 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.56	-0.76
Limit (dB)	3.64	3.62
Margin (dB)	4.20	4.38
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-21

Test Summary: PASS

Date / Time: 12/27/2018 04:32:27 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:32:27 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.35	0.24
Limit (dB)	3.64	3.62
Margin (dB)	3.29	3.38
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-22

Test Summary: PASS

Date / Time: 12/27/2018 04:32:27 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:32:27 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.61	-0.79
Limit (dB)	3.64	3.62
Margin (dB)	4.25	4.41
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-23

Date / Time: 12/27/2018 04:32:56 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 12/27/2018 04:32:56 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.28	0.21
Limit (dB)	3.64	3.62
Margin (dB)	3.36	3.41
Reference (dBm)	-31.27	-30.20

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-24

Test Summary: PASS

Date / Time: 12/27/2018 04:32:56 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)
Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 12/27/2018 04:32:56 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	64	
Length ft	43	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.52	-0.69
Limit (dB)	3.64	3.62
Margin (dB)	4.16	4.31
Reference (dBm)	-36.49	-35.96

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 12/27/2018 04:23:36 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-25

Date / Time: 01/31/2019 01:07:28 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:07:28 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.44	-0.91
Limit (dB)	3.65	3.62
Margin (dB)	4.09	4.53
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-26

Test Summary: PASS

Date / Time: 01/31/2019 01:07:28 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:07:28 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.69	-1.03
Limit (dB)	3.65	3.62
Margin (dB)	4.34	4.65
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-27

Test Summary: PASS

Date / Time: 01/31/2019 01:08:14 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:08:14 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.41	-0.84
Limit (dB)	3.65	3.62
Margin (dB)	4.06	4.46
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-28

Test Summary: PASS

Date / Time: 01/31/2019 01:08:14 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:08:14 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.58	-1.08
Limit (dB)	3.65	3.62
Margin (dB)	4.23	4.70
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-29

Test Summary: PASS

Date / Time: 01/31/2019 01:08:45 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:08:45 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	76	
Length ft	51	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.28	-0.68
Limit (dB)	3.65	3.62
Margin (dB)	3.93	4.30
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-30

Date / Time: 01/31/2019 01:08:45 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:08:45 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	76	
Length ft	51	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.64	-0.80
Limit (dB)	3.65	3.62
Margin (dB)	4.29	4.42
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

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CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-31

Test Summary: PASS

Date / Time: 01/31/2019 01:09:16 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:09:16 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.24	-0.55
Limit (dB)	3.65	3.62
Margin (dB)	3.89	4.17
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-32

Test Summary: PASS

Date / Time: 01/31/2019 01:09:16 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:09:16 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.79	-1.18
Limit (dB)	3.65	3.62
Margin (dB)	4.44	4.80
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-33

Test Summary: PASS

Date / Time: 01/31/2019 01:09:47 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:09:47 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.38	-0.76
Limit (dB)	3.65	3.62
Margin (dB)	4.03	4.38
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-34

Test Summary: PASS

Date / Time: 01/31/2019 01:09:47 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:09:47 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.69	-1.18
Limit (dB)	3.65	3.62
Margin (dB)	4.34	4.80
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-35

Date / Time: 01/31/2019 01:10:14 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:10:14 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	76	
Length ft	51	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.28	-0.69
Limit (dB)	3.65	3.62
Margin (dB)	3.93	4.31
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-36

Test Summary: PASS

Date / Time: 01/31/2019 01:10:14 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:10:14 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	76	
Length ft	51	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.54	-0.87
Limit (dB)	3.65	3.62
Margin (dB)	4.19	4.49
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-37

Test Summary: PASS

Date / Time: 01/31/2019 01:10:45 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:10:45 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.36	-0.77
Limit (dB)	3.64	3.62
Margin (dB)	4.00	4.39
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-38

Test Summary: PASS

Date / Time: 01/31/2019 01:10:45 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:10:45 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.01	-1.00
Limit (dB)	3.64	3.62
Margin (dB)	3.65	4.62
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-39

Test Summary: PASS

Date / Time: 01/31/2019 01:11:12 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:11:12 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	71	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.47	-0.91
Limit (dB)	3.64	3.62
Margin (dB)	4.11	4.53
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-40

Test Summary: PASS

Date / Time: 01/31/2019 01:11:12 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:11:12 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	71	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.92	-1.34
Limit (dB)	3.64	3.62
Margin (dB)	4.56	4.96
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-41

Test Summary: PASS

Date / Time: 01/31/2019 01:11:43 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:11:43 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.23	-0.64
Limit (dB)	3.64	3.62
Margin (dB)	3.87	4.26
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-42

Test Summary: PASS

Date / Time: 01/31/2019 01:11:43 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:11:43 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.38	-0.78
Limit (dB)	3.64	3.62
Margin (dB)	4.02	4.40
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-43

Test Summary: PASS

Date / Time: 01/31/2019 01:12:12 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:12:12 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.33	-0.66
Limit (dB)	3.64	3.62
Margin (dB)	3.97	4.28
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-44

Test Summary: PASS

Date / Time: 01/31/2019 01:12:12 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:12:12 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.66	-0.84
Limit (dB)	3.64	3.62
Margin (dB)	4.30	4.46
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-45

Test Summary: PASS

Date / Time: 01/31/2019 01:12:41 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:12:41 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.44	-0.81
Limit (dB)	3.64	3.62
Margin (dB)	4.08	4.43
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-46

Test Summary: PASS

Date / Time: 01/31/2019 01:12:41 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:12:41 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.21	-0.58
Limit (dB)	3.64	3.62
Margin (dB)	3.85	4.20
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-47

Date / Time: 01/31/2019 01:13:09 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:13:09 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.40	-0.80
Limit (dB)	3.64	3.62
Margin (dB)	4.04	4.42
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-48

Test Summary: PASS

Date / Time: 01/31/2019 01:13:09 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:13:09 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	72	
Length ft	48	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.63	-1.08
Limit (dB)	3.64	3.62
Margin (dB)	4.27	4.70
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-49

Test Summary: PASS

Date / Time: 01/31/2019 01:15:40 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:15:40 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	81	
Length ft	54	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.48	-0.90
Limit (dB)	3.65	3.62
Margin (dB)	4.13	4.52
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-50

Test Summary: PASS

Date / Time: 01/31/2019 01:15:40 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:15:40 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	81	
Length ft	54	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.60	-1.00
Limit (dB)	3.65	3.62
Margin (dB)	4.25	4.62
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-51

Date / Time: 01/31/2019 01:16:15 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:16:15 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.17	-0.57
Limit (dB)	3.65	3.62
Margin (dB)	3.82	4.19
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-52

Test Summary: PASS

Date / Time: 01/31/2019 01:16:15 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:16:15 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.90	-1.42
Limit (dB)	3.65	3.62
Margin (dB)	4.55	5.04
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-53

Test Summary: PASS

Date / Time: 01/31/2019 01:17:26 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:17:26 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.45	-0.82
Limit (dB)	3.65	3.62
Margin (dB)	4.10	4.44
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

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CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-54

Test Summary: PASS

Date / Time: 01/31/2019 01:17:26 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:17:26 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.51	-1.04
Limit (dB)	3.65	3.62
Margin (dB)	4.16	4.66
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-55

Date / Time: 01/31/2019 01:17:57 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:17:57 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.40	-0.72
Limit (dB)	3.65	3.62
Margin (dB)	4.05	4.34
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

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CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-56

Date / Time: 01/31/2019 01:17:57 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:17:57 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.41	-0.95
Limit (dB)	3.65	3.62
Margin (dB)	4.06	4.57
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

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CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-57

Test Summary: PASS

Date / Time: 01/31/2019 01:18:25 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:18:25 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	82	
Length ft	55	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.13	-0.26
Limit (dB)	3.65	3.63
Margin (dB)	3.78	3.89
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

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CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-58

Test Summary: PASS

Date / Time: 01/31/2019 01:18:25 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:18:25 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	82	
Length ft	55	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.45	-0.77
Limit (dB)	3.65	3.63
Margin (dB)	4.10	4.40
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

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CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-59

Test Summary: PASS

Date / Time: 01/31/2019 01:18:59 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:18:59 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.35	-0.67
Limit (dB)	3.65	3.62
Margin (dB)	4.00	4.29
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

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CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-60

Test Summary: PASS

Date / Time: 01/31/2019 01:18:59 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:18:59 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.44	-0.99
Limit (dB)	3.65	3.62
Margin (dB)	4.09	4.61
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-61

Test Summary: PASS

Date / Time: 01/31/2019 01:19:29 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:19:29 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.54	-0.89
Limit (dB)	3.65	3.62
Margin (dB)	4.19	4.51
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

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CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-62

Test Summary: PASS

Date / Time: 01/31/2019 01:19:29 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:19:29 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.02	-1.11
Limit (dB)	3.65	3.62
Margin (dB)	3.63	4.73
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

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Cable ID: FIBRA-63

Date / Time: 01/31/2019 01:20:01 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Test Summary: PASS

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:20:01 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.37	-0.75
Limit (dB)	3.65	3.62
Margin (dB)	4.02	4.37
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-64

Test Summary: PASS

Date / Time: 01/31/2019 01:20:01 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:20:01 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.56	-1.12
Limit (dB)	3.65	3.62
Margin (dB)	4.21	4.74
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-65

Test Summary: PASS

Date / Time: 01/31/2019 01:20:34 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:20:34 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	82	
Length ft	55	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.36	-0.71
Limit (dB)	3.65	3.63
Margin (dB)	4.01	4.34
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-66

Test Summary: PASS

Date / Time: 01/31/2019 01:20:34 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:20:34 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	82	
Length ft	55	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.55	-0.82
Limit (dB)	3.65	3.63
Margin (dB)	4.20	4.45
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-67

Test Summary: PASS

Date / Time: 01/31/2019 01:21:03 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:21:03 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.43	-0.78
Limit (dB)	3.65	3.62
Margin (dB)	4.08	4.40
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-68

Test Summary: PASS

Date / Time: 01/31/2019 01:21:03 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:21:03 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.49	-1.01
Limit (dB)	3.65	3.62
Margin (dB)	4.14	4.63
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-69

Test Summary: PASS

Date / Time: 01/31/2019 01:21:32 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:21:32 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	81	
Length ft	54	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.47	-0.80
Limit (dB)	3.65	3.62
Margin (dB)	4.12	4.42
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-70

Test Summary: PASS

Date / Time: 01/31/2019 01:21:32 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:21:32 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	81	
Length ft	54	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.53	-0.89
Limit (dB)	3.65	3.62
Margin (dB)	4.18	4.51
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-71

Test Summary: PASS

Date / Time: 01/31/2019 01:22:01 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:22:01 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.42	-0.75
Limit (dB)	3.65	3.62
Margin (dB)	4.07	4.37
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: FIBRA-72

Test Summary: PASS

Date / Time: 01/31/2019 01:22:01 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:22:01 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	80	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.58	-1.07
Limit (dB)	3.65	3.62
Margin (dB)	4.23	4.69
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-01

Test Summary: PASS

Date / Time: 01/31/2019 01:34:35 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:34:35 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	78	
Length ft	52	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.50	-0.85
Limit (dB)	3.65	3.62
Margin (dB)	4.15	4.47
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-02

Test Summary: PASS

Date / Time: 01/31/2019 01:34:35 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:34:35 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	78	
Length ft	52	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.41	-0.65
Limit (dB)	3.65	3.62
Margin (dB)	4.06	4.27
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-03

Test Summary: PASS

Date / Time: 01/31/2019 01:35:35 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:35:35 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	76	
Length ft	51	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.27	-0.59
Limit (dB)	3.65	3.62
Margin (dB)	3.92	4.21
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-04

Test Summary: PASS

Date / Time: 01/31/2019 01:35:35 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:35:35 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	76	
Length ft	51	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.47	-0.88
Limit (dB)	3.65	3.62
Margin (dB)	4.12	4.50
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-05

Test Summary: PASS

Date / Time: 01/31/2019 01:36:05 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:36:05 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	78	
Length ft	52	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.46	-0.82
Limit (dB)	3.65	3.62
Margin (dB)	4.11	4.44
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-06

Test Summary: PASS

Date / Time: 01/31/2019 01:36:05 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:36:05 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	78	
Length ft	52	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.25	-0.60
Limit (dB)	3.65	3.62
Margin (dB)	3.90	4.22
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-07

Test Summary: PASS

Date / Time: 01/31/2019 01:36:34 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:36:34 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	77	
Length ft	52	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.37	-0.69
Limit (dB)	3.65	3.62
Margin (dB)	4.02	4.31
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-08

Test Summary: PASS

Date / Time: 01/31/2019 01:36:34 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:36:34 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	77	
Length ft	52	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.33	-0.76
Limit (dB)	3.65	3.62
Margin (dB)	3.98	4.38
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-09

Test Summary: PASS

Date / Time: 01/31/2019 01:37:04 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:37:04 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	78	
Length ft	52	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.43	-0.77
Limit (dB)	3.65	3.62
Margin (dB)	4.08	4.39
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-10

Test Summary: PASS

Date / Time: 01/31/2019 01:37:04 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:37:04 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	78	
Length ft	52	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.19	-0.67
Limit (dB)	3.65	3.62
Margin (dB)	3.84	4.29
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-11

Test Summary: PASS

Date / Time: 01/31/2019 01:37:38 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:37:38 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	76	
Length ft	51	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.50	-0.85
Limit (dB)	3.65	3.62
Margin (dB)	4.15	4.47
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-12

Test Summary: PASS

Date / Time: 01/31/2019 01:37:38 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)
Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:37:38 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	76	
Length ft	51	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.47	-0.83
Limit (dB)	3.65	3.62
Margin (dB)	4.12	4.45
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-13

Test Summary: PASS

Date / Time: 01/31/2019 01:38:25 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:38:25 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.53	-0.86
Limit (dB)	3.65	3.62
Margin (dB)	4.18	4.48
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-14

Test Summary: PASS

Date / Time: 01/31/2019 01:38:25 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:38:25 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.66	-1.18
Limit (dB)	3.65	3.62
Margin (dB)	4.31	4.80
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-15

Test Summary: PASS

Date / Time: 01/31/2019 01:39:09 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)
Modal Bandwidth: 4700MHz-km

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:39:09 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.53	-0.89
Limit (dB)	3.65	3.62
Margin (dB)	4.18	4.51
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-16

Test Summary: PASS

Date / Time: 01/31/2019 01:39:09 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:39:09 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	74	
Length ft	50	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.59	-1.06
Limit (dB)	3.65	3.62
Margin (dB)	4.24	4.68
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-17

Test Summary: PASS

Date / Time: 01/31/2019 01:39:42 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:39:42 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	73	
Length ft	49	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.56	-0.93
Limit (dB)	3.64	3.62
Margin (dB)	4.20	4.55
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-18

Test Summary: PASS

Date / Time: 01/31/2019 01:39:42 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 01:39:42 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	73	
Length ft	49	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.77	-1.18
Limit (dB)	3.64	3.62
Margin (dB)	4.41	4.80
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-19

Test Summary: PASS

Date / Time: 01/31/2019 02:49:43 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 02:49:43 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	81	
Length ft	54	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.18	0.00
Limit (dB)	3.65	3.62
Margin (dB)	3.83	3.62
Reference (dBm)	-30.45	-29.13

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-20

Test Summary: PASS

Date / Time: 01/31/2019 02:49:43 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 02:49:43 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	81	
Length ft	54	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.64	0.52
Limit (dB)	3.65	3.62
Margin (dB)	3.01	3.10
Reference (dBm)	-34.90	-34.38

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-21

Test Summary: PASS

Date / Time: 01/31/2019 02:04:47 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 02:04:47 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	79	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.41	-0.73
Limit (dB)	3.65	3.62
Margin (dB)	4.06	4.35
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-22

Test Summary: PASS

Date / Time: 01/31/2019 02:04:47 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 02:04:47 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	79	
Length ft	53	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.22	-0.10
Limit (dB)	3.65	3.62
Margin (dB)	3.43	3.72
Reference (dBm)	-36.26	-35.99

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-23

Test Summary: PASS

Date / Time: 01/31/2019 02:36:05 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 02:36:05 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	1	
Length ft	1	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.10	0.10
Limit (dB)	3.60	3.60
Margin (dB)	3.50	3.50
Reference (dBm)	-34.45	-33.39

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:35:17 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-24

Test Summary: PASS

Date / Time: 01/31/2019 01:59:59 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 01:59:59 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	76	
Length ft	51	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.54	-0.93
Limit (dB)	3.65	3.62
Margin (dB)	4.19	4.55
Reference (dBm)	-30.68	-29.95

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 12:56:50 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-25

Test Summary: PASS

Date / Time: 01/31/2019 02:55:06 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 02:55:06 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	125	
Length ft	84	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.28	-0.15
Limit (dB)	3.68	3.64
Margin (dB)	3.96	3.79
Reference (dBm)	-30.45	-29.13

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-26

Test Summary: PASS

Date / Time: 01/31/2019 02:55:06 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 02:55:06 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	125	
Length ft	84	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	1.45	1.28
Limit (dB)	3.68	3.64
Margin (dB)	2.23	2.36
Reference (dBm)	-34.90	-34.38

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-27

Test Summary: PASS

Date / Time: 01/31/2019 02:56:50 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 02:56:50 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	125	
Length ft	84	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.32	-0.21
Limit (dB)	3.68	3.64
Margin (dB)	4.00	3.85
Reference (dBm)	-30.45	-29.13

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-28

Test Summary: PASS

Date / Time: 01/31/2019 02:56:50 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 02:56:50 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	125	
Length ft	84	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	1.56	1.40
Limit (dB)	3.68	3.64
Margin (dB)	2.12	2.24
Reference (dBm)	-34.90	-34.38

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR4	10BASE-FL
10GBASE-LRM	10GBASE-LX4	10GBASE-SR
ATM155	ATM155SWL	ATM52
ATM622 Fiber Optic	ATM622SWL Fiber Optic	FDDI Fiber Optic
Fibre Channel 100-M5-SN-I	Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I
Fibre Channel 1200-M5E-SN-I	Fibre Channel 133	Fibre Channel 1600-M5-SN-S
Fibre Channel 1600-M5E-SN-I	Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I
Fibre Channel 200-M5E-SN-I	Fibre Channel 266	Fibre Channel 266SWL
Fibre Channel 400-M5-SN-I	Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I
Fibre Channel 800-M5-SN-S	Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-29

Test Summary: PASS

Date / Time: 01/31/2019 02:57:25 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 02:57:25 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	125	
Length ft	84	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.28	-0.20
Limit (dB)	3.68	3.64
Margin (dB)	3.96	3.84
Reference (dBm)	-30.45	-29.13

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-30

Test Summary: PASS

Date / Time: 01/31/2019 02:57:26 PM n = 1.350000 (850 nm)
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Modal Bandwidth: 4700MHz-km

Loss (M->R)

PASS

Date / Time: 01/31/2019 02:57:26 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	125	
Length ft	84	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	1.50	1.28
Limit (dB)	3.68	3.64
Margin (dB)	2.18	2.36
Reference (dBm)	-34.90	-34.38

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-31

Test Summary: PASS

Date / Time: 01/31/2019 02:58:18 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 02:58:18 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	124	
Length ft	83	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.30	-0.17
Limit (dB)	3.68	3.64
Margin (dB)	3.98	3.81
Reference (dBm)	-30.45	-29.13

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-32

Test Summary: PASS

Date / Time: 01/31/2019 02:58:18 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 02:58:18 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	124	
Length ft	83	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	1.19	1.06
Limit (dB)	3.68	3.64
Margin (dB)	2.49	2.58
Reference (dBm)	-34.90	-34.38

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-33

Test Summary: PASS

Date / Time: 01/31/2019 02:58:49 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 02:58:49 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	123	
Length ft	82	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	-0.07	-0.03
Limit (dB)	3.68	3.64
Margin (dB)	3.75	3.67
Reference (dBm)	-30.45	-29.13

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-34

Test Summary: PASS

Date / Time: 01/31/2019 02:58:49 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 02:58:49 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	123	
Length ft	82	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	1.17	1.01
Limit (dB)	3.68	3.64
Margin (dB)	2.51	2.63
Reference (dBm)	-34.90	-34.38

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-35

Test Summary: PASS

Date / Time: 01/31/2019 02:59:25 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (R->M)

PASS

Date / Time: 01/31/2019 02:59:25 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	123	
Length ft	82	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	0.08	0.16
Limit (dB)	3.68	3.64
Margin (dB)	3.60	3.48
Reference (dBm)	-30.45	-29.13

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LINK-FIBRA-36

Test Summary: PASS

Date / Time: 01/31/2019 02:59:25 PM n = 1.350000 (850 nm)
Modal Bandwidth: 4700MHz-km
Cable Type: MM 50/125 OM4 LW550 10G n = 1.470000 (1300 nm)

Loss (M->R)

PASS

Date / Time: 01/31/2019 02:59:25 PM
Test Limit: TIA-568.3-D Multimode
Limits Version: 1.9500
Operator: MARCELO
DTX-1800 (8958043 v2.7800)
Module: DTX-MFM(8741016)
Calibration Date: 08/02/2012
DTX-1800R (8958044 v2.7800)
Module: DTX-MFM(8742023)
Calibration Date: 08/02/2012

Propagation Delay (ns)	123	
Length ft	82	PASS
Limit 6562		
	850 nm	1300 nm
Result	PASS	PASS
Loss (dB)	1.06	0.91
Limit (dB)	3.68	3.64
Margin (dB)	2.62	2.73
Reference (dBm)	-34.90	-34.38

Number of Adapters: 4
Number of Splices: 2
Patch Type: MM 50/125 OM4 LW550 10G
Patch Length1 (ft): 8
Patch Length2 (ft): 8
Patch Length3 (ft): 8
Reference Date: 01/31/2019 02:37:15 PM
3 Jumper

Compliant Network Standards:

10/100BASE-SX	1000BASE-LX	1000BASE-SX
100BASE-FX	100GBASE-SR10	100GBASE-SR4
10BASE-FL	10GBASE-LRM	10GBASE-LX4
10GBASE-SR	40GBASE-SR4	ATM155
ATM155SWL	ATM52	ATM622 Fiber Optic
ATM622SWL Fiber Optic	FDDI Fiber Optic	Fibre Channel 100-M5-SN-I
Fibre Channel 100-M5E-SN-I	Fibre Channel 1200-M5-SN-I	Fibre Channel 1200-M5E-SN-I
Fibre Channel 133	Fibre Channel 1600-M5-SN-S	Fibre Channel 1600-M5E-SN-I
Fibre Channel 1600-M5F-SN-I	Fibre Channel 200-M5-SN-I	Fibre Channel 200-M5E-SN-I
Fibre Channel 266	Fibre Channel 266SWL	Fibre Channel 400-M5-SN-I
Fibre Channel 400-M5E-SN-I	Fibre Channel 400-M5F-SN-I	Fibre Channel 800-M5-SN-S
Fibre Channel 800-M5E-SN-I	Fibre Channel 800-M5F-SN-I	

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
FIBRA-01	PASS	TIA-568.3-D Multimode	45 ft	3.25 dB (Loss Margin)	12/27/2018 04:25 PM
FIBRA-02	PASS	TIA-568.3-D Multimode	45 ft	3.52 dB (Loss Margin)	12/27/2018 04:25 PM
FIBRA-03	PASS	TIA-568.3-D Multimode	44 ft	3.25 dB (Loss Margin)	12/27/2018 04:26 PM
FIBRA-04	PASS	TIA-568.3-D Multimode	44 ft	3.50 dB (Loss Margin)	12/27/2018 04:26 PM
FIBRA-05	PASS	TIA-568.3-D Multimode	45 ft	3.22 dB (Loss Margin)	12/27/2018 04:26 PM
FIBRA-06	PASS	TIA-568.3-D Multimode	45 ft	3.43 dB (Loss Margin)	12/27/2018 04:26 PM
FIBRA-07	PASS	TIA-568.3-D Multimode	45 ft	3.13 dB (Loss Margin)	12/27/2018 04:27 PM
FIBRA-08	PASS	TIA-568.3-D Multimode	45 ft	3.63 dB (Loss Margin)	12/27/2018 04:27 PM
FIBRA-09	PASS	TIA-568.3-D Multimode	44 ft	3.20 dB (Loss Margin)	12/27/2018 04:28 PM
FIBRA-10	PASS	TIA-568.3-D Multimode	44 ft	3.78 dB (Loss Margin)	12/27/2018 04:28 PM
FIBRA-11	PASS	TIA-568.3-D Multimode	44 ft	3.09 dB (Loss Margin)	12/27/2018 04:29 PM
FIBRA-12	PASS	TIA-568.3-D Multimode	44 ft	3.77 dB (Loss Margin)	12/27/2018 04:29 PM
FIBRA-13	PASS	TIA-568.3-D Multimode	43 ft	3.12 dB (Loss Margin)	12/27/2018 04:30 PM
FIBRA-14	PASS	TIA-568.3-D Multimode	43 ft	3.95 dB (Loss Margin)	12/27/2018 04:30 PM
FIBRA-15	PASS	TIA-568.3-D Multimode	44 ft	3.11 dB (Loss Margin)	12/27/2018 04:30 PM
FIBRA-16	PASS	TIA-568.3-D Multimode	44 ft	3.93 dB (Loss Margin)	12/27/2018 04:30 PM
FIBRA-17	PASS	TIA-568.3-D Multimode	43 ft	3.29 dB (Loss Margin)	12/27/2018 04:31 PM
FIBRA-18	PASS	TIA-568.3-D Multimode	43 ft	4.19 dB (Loss Margin)	12/27/2018 04:31 PM
FIBRA-19	PASS	TIA-568.3-D Multimode	43 ft	3.30 dB (Loss Margin)	12/27/2018 04:32 PM
FIBRA-20	PASS	TIA-568.3-D Multimode	43 ft	4.20 dB (Loss Margin)	12/27/2018 04:32 PM
FIBRA-21	PASS	TIA-568.3-D Multimode	43 ft	3.29 dB (Loss Margin)	12/27/2018 04:32 PM
FIBRA-22	PASS	TIA-568.3-D Multimode	43 ft	4.25 dB (Loss Margin)	12/27/2018 04:32 PM
FIBRA-23	PASS	TIA-568.3-D Multimode	43 ft	3.36 dB (Loss Margin)	12/27/2018 04:32 PM
FIBRA-24	PASS	TIA-568.3-D Multimode	43 ft	4.16 dB (Loss Margin)	12/27/2018 04:32 PM
FIBRA-25	PASS	TIA-568.3-D Multimode	50 ft	4.09 dB (Loss Margin)	01/31/2019 01:07 PM
FIBRA-26	PASS	TIA-568.3-D Multimode	50 ft	4.34 dB (Loss Margin)	01/31/2019 01:07 PM
FIBRA-27	PASS	TIA-568.3-D Multimode	50 ft	4.06 dB (Loss Margin)	01/31/2019 01:08 PM
FIBRA-28	PASS	TIA-568.3-D Multimode	50 ft	4.23 dB (Loss Margin)	01/31/2019 01:08 PM
FIBRA-29	PASS	TIA-568.3-D Multimode	51 ft	3.93 dB (Loss Margin)	01/31/2019 01:08 PM
FIBRA-30	PASS	TIA-568.3-D Multimode	51 ft	4.29 dB (Loss Margin)	01/31/2019 01:08 PM
FIBRA-31	PASS	TIA-568.3-D Multimode	50 ft	3.89 dB (Loss Margin)	01/31/2019 01:09 PM
FIBRA-32	PASS	TIA-568.3-D Multimode	50 ft	4.44 dB (Loss Margin)	01/31/2019 01:09 PM
FIBRA-33	PASS	TIA-568.3-D Multimode	50 ft	4.03 dB (Loss Margin)	01/31/2019 01:09 PM
FIBRA-34	PASS	TIA-568.3-D Multimode	50 ft	4.34 dB (Loss Margin)	01/31/2019 01:09 PM
FIBRA-35	PASS	TIA-568.3-D Multimode	51 ft	3.93 dB (Loss Margin)	01/31/2019 01:10 PM
FIBRA-36	PASS	TIA-568.3-D Multimode	51 ft	4.19 dB (Loss Margin)	01/31/2019 01:10 PM
FIBRA-37	PASS	TIA-568.3-D Multimode	48 ft	4.00 dB (Loss Margin)	01/31/2019 01:10 PM
FIBRA-38	PASS	TIA-568.3-D Multimode	48 ft	3.65 dB (Loss Margin)	01/31/2019 01:10 PM
FIBRA-39	PASS	TIA-568.3-D Multimode	48 ft	4.11 dB (Loss Margin)	01/31/2019 01:11 PM
FIBRA-40	PASS	TIA-568.3-D Multimode	48 ft	4.56 dB (Loss Margin)	01/31/2019 01:11 PM
FIBRA-41	PASS	TIA-568.3-D Multimode	48 ft	3.87 dB (Loss Margin)	01/31/2019 01:11 PM
FIBRA-42	PASS	TIA-568.3-D Multimode	48 ft	4.02 dB (Loss Margin)	01/31/2019 01:11 PM
FIBRA-43	PASS	TIA-568.3-D Multimode	48 ft	3.97 dB (Loss Margin)	01/31/2019 01:12 PM
FIBRA-44	PASS	TIA-568.3-D Multimode	48 ft	4.30 dB (Loss Margin)	01/31/2019 01:12 PM
FIBRA-45	PASS	TIA-568.3-D Multimode	48 ft	4.08 dB (Loss Margin)	01/31/2019 01:12 PM
FIBRA-46	PASS	TIA-568.3-D Multimode	48 ft	3.85 dB (Loss Margin)	01/31/2019 01:12 PM
FIBRA-47	PASS	TIA-568.3-D Multimode	48 ft	4.04 dB (Loss Margin)	01/31/2019 01:13 PM
FIBRA-48	PASS	TIA-568.3-D Multimode	48 ft	4.27 dB (Loss Margin)	01/31/2019 01:13 PM
FIBRA-49	PASS	TIA-568.3-D Multimode	54 ft	4.13 dB (Loss Margin)	01/31/2019 01:15 PM
FIBRA-50	PASS	TIA-568.3-D Multimode	54 ft	4.25 dB (Loss Margin)	01/31/2019 01:15 PM
FIBRA-51	PASS	TIA-568.3-D Multimode	53 ft	3.82 dB (Loss Margin)	01/31/2019 01:16 PM
FIBRA-52	PASS	TIA-568.3-D Multimode	53 ft	4.55 dB (Loss Margin)	01/31/2019 01:16 PM
FIBRA-53	PASS	TIA-568.3-D Multimode	53 ft	4.10 dB (Loss Margin)	01/31/2019 01:17 PM
FIBRA-54	PASS	TIA-568.3-D Multimode	53 ft	4.16 dB (Loss Margin)	01/31/2019 01:17 PM
FIBRA-55	PASS	TIA-568.3-D Multimode	53 ft	4.05 dB (Loss Margin)	01/31/2019 01:17 PM
FIBRA-56	PASS	TIA-568.3-D Multimode	53 ft	4.06 dB (Loss Margin)	01/31/2019 01:17 PM
FIBRA-57	PASS	TIA-568.3-D Multimode	55 ft	3.78 dB (Loss Margin)	01/31/2019 01:18 PM
FIBRA-58	PASS	TIA-568.3-D Multimode	55 ft	4.10 dB (Loss Margin)	01/31/2019 01:18 PM
FIBRA-59	PASS	TIA-568.3-D Multimode	53 ft	4.00 dB (Loss Margin)	01/31/2019 01:18 PM
FIBRA-60	PASS	TIA-568.3-D Multimode	53 ft	4.09 dB (Loss Margin)	01/31/2019 01:18 PM
FIBRA-61	PASS	TIA-568.3-D Multimode	53 ft	4.19 dB (Loss Margin)	01/31/2019 01:19 PM
FIBRA-62	PASS	TIA-568.3-D Multimode	53 ft	3.63 dB (Loss Margin)	01/31/2019 01:19 PM
FIBRA-63	PASS	TIA-568.3-D Multimode	53 ft	4.02 dB (Loss Margin)	01/31/2019 01:20 PM
FIBRA-64	PASS	TIA-568.3-D Multimode	53 ft	4.21 dB (Loss Margin)	01/31/2019 01:20 PM
FIBRA-65	PASS	TIA-568.3-D Multimode	55 ft	4.01 dB (Loss Margin)	01/31/2019 01:20 PM
FIBRA-66	PASS	TIA-568.3-D Multimode	55 ft	4.20 dB (Loss Margin)	01/31/2019 01:20 PM
FIBRA-67	PASS	TIA-568.3-D Multimode	53 ft	4.08 dB (Loss Margin)	01/31/2019 01:21 PM
FIBRA-68	PASS	TIA-568.3-D Multimode	53 ft	4.14 dB (Loss Margin)	01/31/2019 01:21 PM
FIBRA-69	PASS	TIA-568.3-D Multimode	54 ft	4.12 dB (Loss Margin)	01/31/2019 01:21 PM
FIBRA-70	PASS	TIA-568.3-D Multimode	54 ft	4.18 dB (Loss Margin)	01/31/2019 01:21 PM
FIBRA-71	PASS	TIA-568.3-D Multimode	53 ft	4.07 dB (Loss Margin)	01/31/2019 01:22 PM
FIBRA-72	PASS	TIA-568.3-D Multimode	53 ft	4.23 dB (Loss Margin)	01/31/2019 01:22 PM
LINK-FIBRA-01	PASS	TIA-568.3-D Multimode	52 ft	4.15 dB (Loss Margin)	01/31/2019 01:34 PM
LINK-FIBRA-02	PASS	TIA-568.3-D Multimode	52 ft	4.06 dB (Loss Margin)	01/31/2019 01:34 PM
LINK-FIBRA-03	PASS	TIA-568.3-D Multimode	51 ft	3.92 dB (Loss Margin)	01/31/2019 01:35 PM
LINK-FIBRA-04	PASS	TIA-568.3-D Multimode	51 ft	4.12 dB (Loss Margin)	01/31/2019 01:35 PM
LINK-FIBRA-05	PASS	TIA-568.3-D Multimode	52 ft	4.11 dB (Loss Margin)	01/31/2019 01:36 PM
LINK-FIBRA-06	PASS	TIA-568.3-D Multimode	52 ft	3.90 dB (Loss Margin)	01/31/2019 01:36 PM
LINK-FIBRA-07	PASS	TIA-568.3-D Multimode	52 ft	4.02 dB (Loss Margin)	01/31/2019 01:36 PM
LINK-FIBRA-08	PASS	TIA-568.3-D Multimode	52 ft	3.98 dB (Loss Margin)	01/31/2019 01:36 PM
LINK-FIBRA-09	PASS	TIA-568.3-D Multimode	52 ft	4.08 dB (Loss Margin)	01/31/2019 01:37 PM
LINK-FIBRA-10	PASS	TIA-568.3-D Multimode	52 ft	3.84 dB (Loss Margin)	01/31/2019 01:37 PM
LINK-FIBRA-11	PASS	TIA-568.3-D Multimode	51 ft	4.15 dB (Loss Margin)	01/31/2019 01:37 PM
LINK-FIBRA-12	PASS	TIA-568.3-D Multimode	51 ft	4.12 dB (Loss Margin)	01/31/2019 01:37 PM

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
LINK-FIBRA-13	PASS	TIA-568.3-D Multimode	50 ft	4.18 dB (Loss Margin)	01/31/2019 01:38 PM
LINK-FIBRA-14	PASS	TIA-568.3-D Multimode	50 ft	4.31 dB (Loss Margin)	01/31/2019 01:38 PM
LINK-FIBRA-15	PASS	TIA-568.3-D Multimode	50 ft	4.18 dB (Loss Margin)	01/31/2019 01:39 PM
LINK-FIBRA-16	PASS	TIA-568.3-D Multimode	50 ft	4.24 dB (Loss Margin)	01/31/2019 01:39 PM
LINK-FIBRA-17	PASS	TIA-568.3-D Multimode	49 ft	4.20 dB (Loss Margin)	01/31/2019 01:39 PM
LINK-FIBRA-18	PASS	TIA-568.3-D Multimode	49 ft	4.41 dB (Loss Margin)	01/31/2019 01:39 PM
LINK-FIBRA-19	PASS	TIA-568.3-D Multimode	54 ft	3.62 dB (Loss Margin)	01/31/2019 02:49 PM
LINK-FIBRA-20	PASS	TIA-568.3-D Multimode	54 ft	3.01 dB (Loss Margin)	01/31/2019 02:49 PM
LINK-FIBRA-21	PASS	TIA-568.3-D Multimode	53 ft	4.06 dB (Loss Margin)	01/31/2019 02:04 PM
LINK-FIBRA-22	PASS	TIA-568.3-D Multimode	53 ft	3.43 dB (Loss Margin)	01/31/2019 02:04 PM
LINK-FIBRA-23	PASS	TIA-568.3-D Multimode	1 ft	3.50 dB (Loss Margin)	01/31/2019 02:36 PM
LINK-FIBRA-24	PASS	TIA-568.3-D Multimode	51 ft	4.19 dB (Loss Margin)	01/31/2019 01:59 PM
LINK-FIBRA-25	PASS	TIA-568.3-D Multimode	84 ft	3.79 dB (Loss Margin)	01/31/2019 02:55 PM
LINK-FIBRA-26	PASS	TIA-568.3-D Multimode	84 ft	2.23 dB (Loss Margin)	01/31/2019 02:55 PM
LINK-FIBRA-27	PASS	TIA-568.3-D Multimode	84 ft	3.85 dB (Loss Margin)	01/31/2019 02:56 PM
LINK-FIBRA-28	PASS	TIA-568.3-D Multimode	84 ft	2.12 dB (Loss Margin)	01/31/2019 02:56 PM
LINK-FIBRA-29	PASS	TIA-568.3-D Multimode	84 ft	3.84 dB (Loss Margin)	01/31/2019 02:57 PM
LINK-FIBRA-30	PASS	TIA-568.3-D Multimode	84 ft	2.18 dB (Loss Margin)	01/31/2019 02:57 PM
LINK-FIBRA-31	PASS	TIA-568.3-D Multimode	83 ft	3.81 dB (Loss Margin)	01/31/2019 02:58 PM
LINK-FIBRA-32	PASS	TIA-568.3-D Multimode	83 ft	2.49 dB (Loss Margin)	01/31/2019 02:58 PM
LINK-FIBRA-33	PASS	TIA-568.3-D Multimode	82 ft	3.67 dB (Loss Margin)	01/31/2019 02:58 PM
LINK-FIBRA-34	PASS	TIA-568.3-D Multimode	82 ft	2.51 dB (Loss Margin)	01/31/2019 02:58 PM
LINK-FIBRA-35	PASS	TIA-568.3-D Multimode	82 ft	3.48 dB (Loss Margin)	01/31/2019 02:59 PM
LINK-FIBRA-36	PASS	TIA-568.3-D Multimode	82 ft	2.62 dB (Loss Margin)	01/31/2019 02:59 PM

Total Length:	5698 ft
Number of Reports:	108
Number of Passing Reports:	108
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0