

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
BELIMT-FUTP-6	PASS	TIA Cat 6 Channel	96.7 m	4.2 dB (NEXT)	10/26/2014 01:00 PM
BELIMT-UFTP-6A	PASS	TIA Cat 6A Channel	85.4 m	2.6 dB (NEXT)	10/26/2014 01:11 PM
BELIMT-SFUTP-6	PASS	TIA Cat 6 Channel	94.9 m	8.7 dB (NEXT)	10/26/2014 01:09 PM
BELIMT-UTP-6	PASS	TIA Cat 6 Channel	79.8 m	6.5 dB (NEXT)	10/26/2014 01:13 PM
BELIMT-FUTPA-6A	PASS	TIA Cat 6A Channel	100.1 m	1.6 dB (NEXT)	10/26/2014 01:34 PM

Total Length:	456.9 m
Number of Reports:	5
Number of Passing Reports:	5
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: BELIMT-FUTP-6

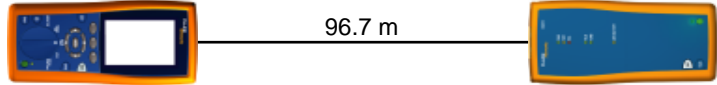
Date / Time: 10/26/2014 01:00:19 PM
Headroom 4.2 dB (NEXT 45-78)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP
 Calibration Date: 03/17/2014

Operator: DOTCOM-TECH
 Software Version: 2.7400
 Limits Version: 1.9300
 NVP: 70.0%

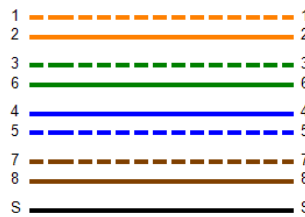
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9310131
 Remote S/N: 9310132
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 100.0	[Pair 45]	96.7
Prop. Delay (ns), Limit 555	[Pair 12]	503
Delay Skew (ns), Limit 50	[Pair 12]	42
Resistance (ohms)	[Pair 36]	16.5
Insertion Loss Margin (dB)	[Pair 78]	8.0
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9

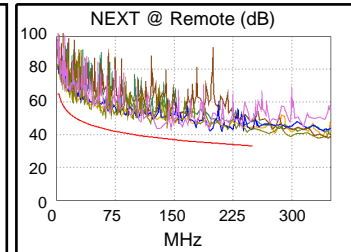
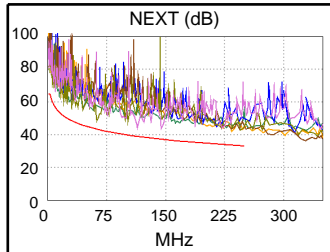


Wire Map (T568B)
PASS

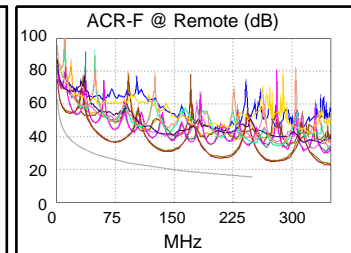
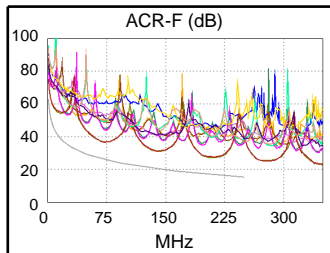


Worst Case Margin Worst Case Value

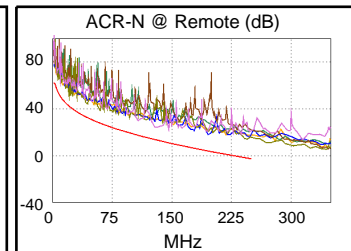
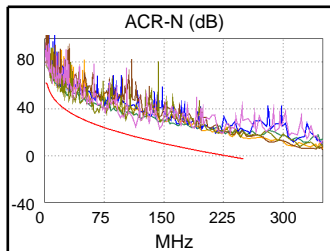
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	36-78
NEXT (dB)	4.2	5.6	8.4	8.1
Freq. (MHz)	114.5	128.0	234.0	242.0
Limit (dB)	38.9	38.1	33.6	33.4
Worst Pair	45	78	36	36
PS NEXT (dB)	6.7	7.3	7.8	8.7
Freq. (MHz)	114.5	128.0	235.0	242.5
Limit (dB)	36.1	35.2	30.6	30.4



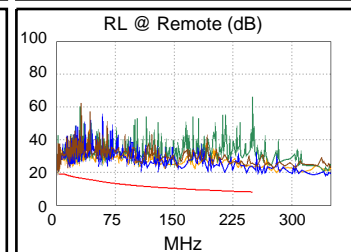
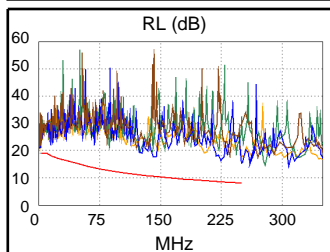
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	10.1	10.0	10.1	10.0
Freq. (MHz)	206.0	204.5	206.0	204.5
Limit (dB)	17.0	17.0	17.0	17.0
Worst Pair	45	45	45	36
PS ACR-F (dB)	12.7	12.5	12.7	12.9
Freq. (MHz)	206.0	71.5	206.0	206.0
Limit (dB)	14.0	23.2	14.0	14.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	36-78
ACR-N (dB)	7.9	8.1	17.8	16.3
Freq. (MHz)	62.5	20.5	250.0	245.0
Limit (dB)	26.9	42.3	-2.8	-2.3
Worst Pair	78	78	36	78
PS ACR-N (dB)	10.4	10.0	16.0	17.1
Freq. (MHz)	62.5	20.5	235.0	245.0
Limit (dB)	24.1	39.7	-4.0	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	45
RL (dB)	5.4	5.2	7.4	11.7
Freq. (MHz)	3.3	3.3	250.0	242.5
Limit (dB)	19.0	19.0	8.0	8.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: BELIMT-UFTP-6A

Date / Time: 10/26/2014 01:11:02 PM

Headroom 2.6 dB (NEXT 36-45)

Test Limit: TIA Cat 6A Channel

Cable Type: Cat 6 FTP

Calibration Date: 03/17/2014

Operator: DOTCOM-TECH

Software Version: 2.7400

Limits Version: 1.9300

NVP: 70.0%

Test Summary: PASS

Model: DTX-1800

Main S/N: 9310131

Remote S/N: 9310132

Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

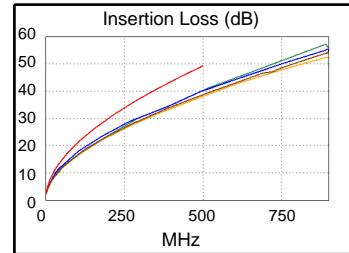
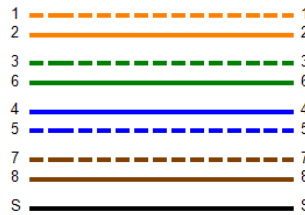
Length (m), Limit 100.0	[Pair 45]	85.4
Prop. Delay (ns), Limit 555	[Pair 12]	415
Delay Skew (ns), Limit 50	[Pair 12]	8
Resistance (ohms)	[Pair 78]	14.5
Insertion Loss Margin (dB)	[Pair 36]	9.0
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	49.3



85.4 m

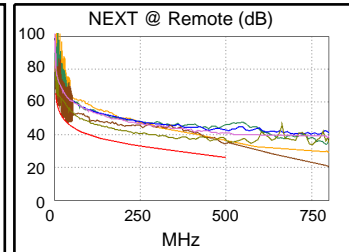
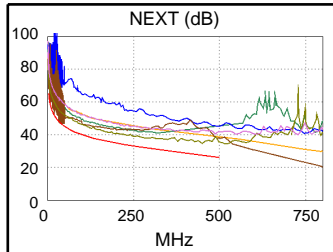


Wire Map (T568B)
PASS

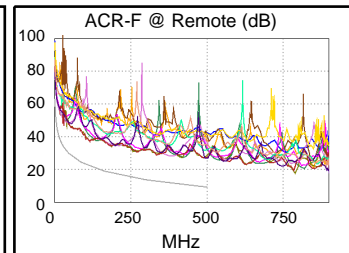
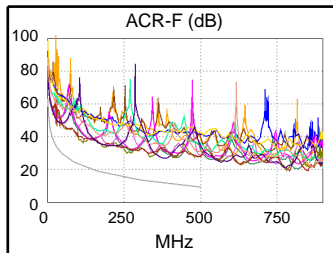


Worst Case Margin Worst Case Value

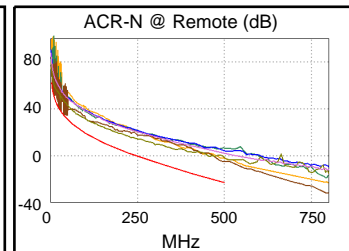
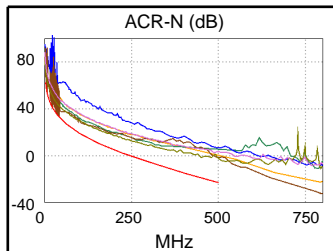
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
NEXT (dB)	2.6	3.3	7.2	7.8
Freq. (MHz)	29.4	28.1	449.0	500.0
Limit (dB)	48.9	49.2	27.4	26.1
Worst Pair	36	36	36	36
PS NEXT (dB)	3.9	4.7	9.6	8.0
Freq. (MHz)	29.4	24.4	498.0	497.0
Limit (dB)	46.2	47.5	23.3	23.3



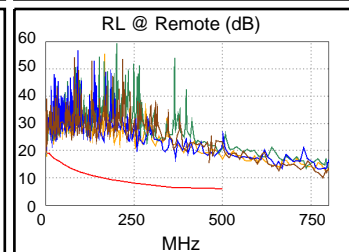
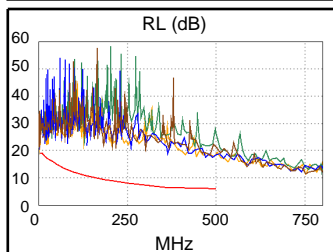
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	78-36	78-36
ACR-F (dB)	14.3	15.1	14.8	17.3
Freq. (MHz)	340.0	115.5	377.0	494.0
Limit (dB)	12.6	22.0	11.7	9.4
Worst Pair	45	36	45	36
PS ACR-F (dB)	15.9	15.8	16.2	18.2
Freq. (MHz)	269.0	339.0	418.0	494.0
Limit (dB)	11.7	9.7	7.8	6.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
ACR-N (dB)	4.0	4.7	20.1	17.3
Freq. (MHz)	26.9	28.1	498.0	500.0
Limit (dB)	38.9	38.3	-23.1	-23.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	5.6	6.3	18.6	17.1
Freq. (MHz)	26.9	24.4	498.0	500.0
Limit (dB)	36.2	37.4	-25.9	-26.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	5.1	4.8	11.4	10.9
Freq. (MHz)	4.0	4.0	448.0	500.0
Limit (dB)	19.0	19.0	6.0	6.0



Compliant Network Standards:

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



Cable ID: BELIMT-SFUTP-6

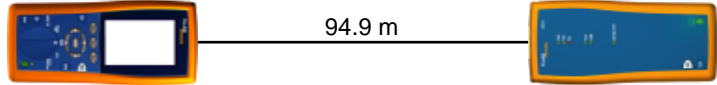
Date / Time: 10/26/2014 01:09:06 PM
Headroom 8.7 dB (NEXT 45-78)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP
 Calibration Date: 03/17/2014

Operator: DOTCOM-TECH
 Software Version: 2.7400
 Limits Version: 1.9300
 NVP: 70.0%

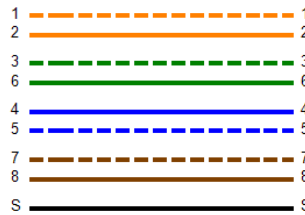
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9310131
 Remote S/N: 9310132
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 100.0	[Pair 45]	94.9
Prop. Delay (ns), Limit 555	[Pair 12]	492
Delay Skew (ns), Limit 50	[Pair 12]	40
Resistance (ohms)	[Pair 12]	14.3
Insertion Loss Margin (dB)	[Pair 12]	8.9
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

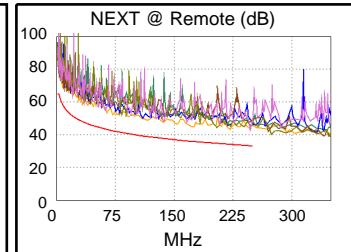
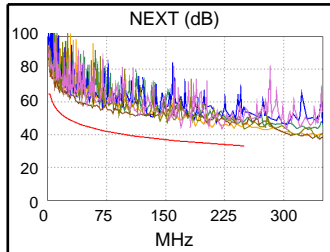


Wire Map (T568B)
PASS

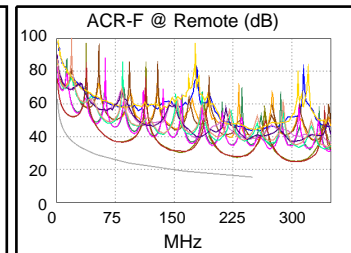
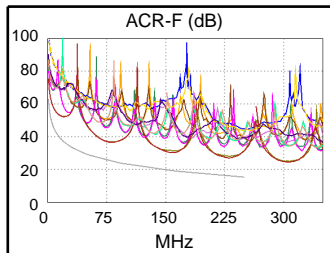


Worst Case Margin Worst Case Value

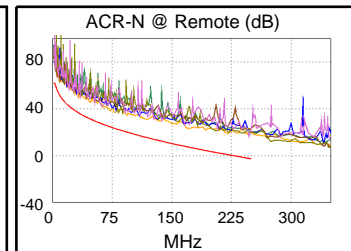
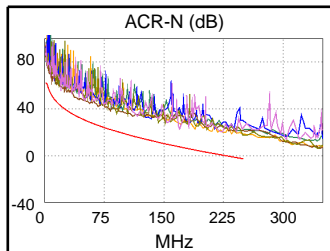
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-36	36-78	45-78
NEXT (dB)	8.7	8.7	10.5	9.7
Freq. (MHz)	169.5	171.0	250.0	247.0
Limit (dB)	36.0	36.0	33.1	33.2
Worst Pair	36	36	36	45
PS NEXT (dB)	10.6	9.3	10.6	9.9
Freq. (MHz)	209.0	221.0	248.5	247.0
Limit (dB)	31.5	31.1	30.2	30.2



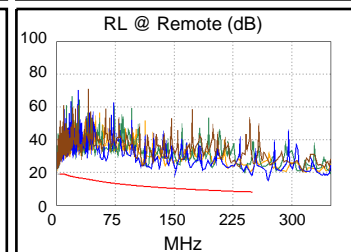
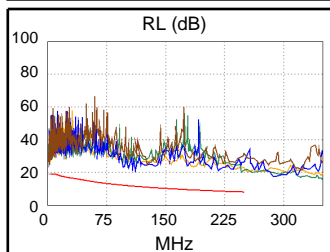
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	10.8	11.1	10.9	11.3
Freq. (MHz)	156.0	156.0	229.0	230.0
Limit (dB)	19.4	19.4	16.1	16.0
Worst Pair	36	45	36	45
PS ACR-F (dB)	13.7	13.2	13.8	13.2
Freq. (MHz)	154.5	225.5	228.0	229.0
Limit (dB)	16.5	13.2	13.1	13.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	36-78	45-78
ACR-N (dB)	13.8	12.3	19.5	18.7
Freq. (MHz)	8.6	7.3	250.0	247.0
Limit (dB)	51.7	53.5	-2.8	-2.5
Worst Pair	36	12	36	45
PS ACR-N (dB)	13.8	12.3	20.0	19.5
Freq. (MHz)	3.3	10.0	248.5	247.0
Limit (dB)	58.4	47.7	-5.6	-5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	78	36	45
RL (dB)	9.8	7.6	12.1	10.1
Freq. (MHz)	111.5	3.4	247.0	249.0
Limit (dB)	11.5	19.0	8.1	8.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: BELIMT-UTP-6

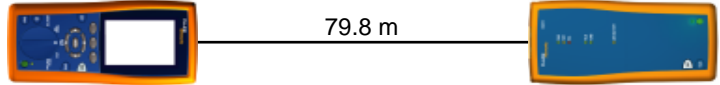
Date / Time: 10/26/2014 01:13:08 PM
Headroom 6.5 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 UTP
 Calibration Date: 03/17/2014

Operator: DOTCOM-TECH
 Software Version: 2.7400
 Limits Version: 1.9300
 NVP: 69.0%

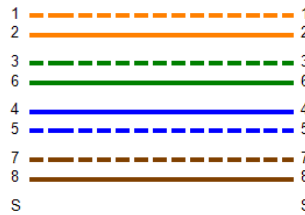
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9310131
 Remote S/N: 9310132
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 100.0	[Pair 45]	79.8
Prop. Delay (ns), Limit 555	[Pair 36]	417
Delay Skew (ns), Limit 50	[Pair 36]	31
Resistance (ohms)	[Pair 78]	13.5
Insertion Loss Margin (dB)	[Pair 36]	10.4
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

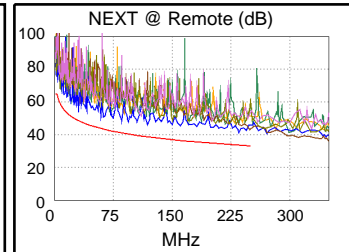
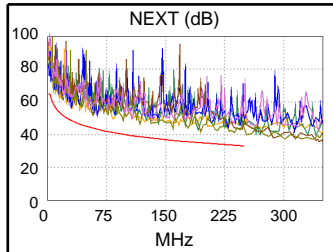


Wire Map (T568B)
PASS

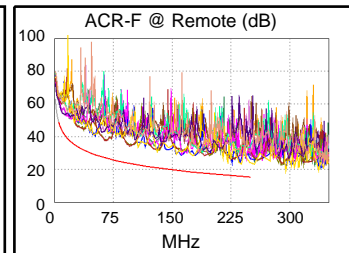
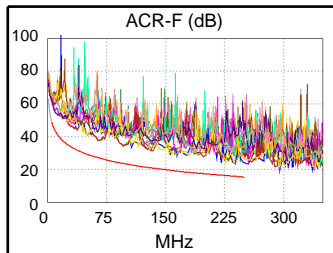


Worst Case Margin Worst Case Value

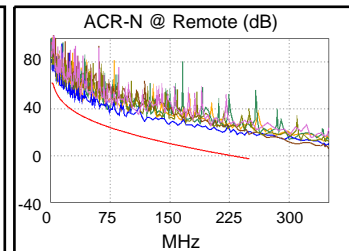
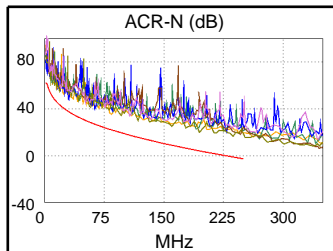
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-78	36-78	12-78
NEXT (dB)	6.5	6.6	6.5	7.7
Freq. (MHz)	235.5	30.5	236.0	235.0
Limit (dB)	33.6	48.6	33.5	33.6
Worst Pair	12	12	36	78
PS NEXT (dB)	7.6	7.2	7.7	9.1
Freq. (MHz)	30.4	30.5	236.0	235.0
Limit (dB)	45.9	45.9	30.6	30.6



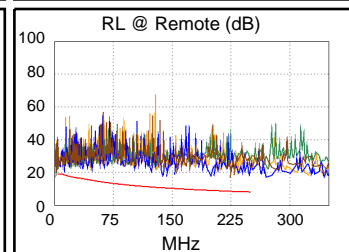
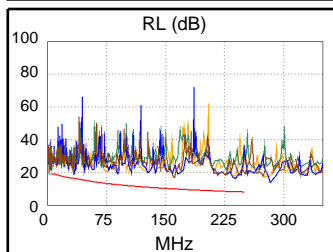
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	7.4	7.2	7.4	7.2
Freq. (MHz)	226.5	238.0	238.0	238.0
Limit (dB)	16.2	15.7	15.7	15.7
Worst Pair	78	12	12	12
PS ACR-F (dB)	9.6	9.7	9.9	9.7
Freq. (MHz)	238.0	238.5	248.0	238.5
Limit (dB)	12.7	12.7	12.4	12.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-78	12-78
ACR-N (dB)	9.1	9.1	17.2	19.3
Freq. (MHz)	2.4	2.4	236.0	243.5
Limit (dB)	61.9	61.9	-1.2	-2.1
Worst Pair	12	12	36	78
PS ACR-N (dB)	10.6	10.3	17.7	19.7
Freq. (MHz)	30.4	30.5	236.0	235.0
Limit (dB)	34.7	34.6	-4.1	-4.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	2.7	3.6	8.1	7.1
Freq. (MHz)	33.5	12.8	238.5	138.5
Limit (dB)	16.4	18.5	8.2	10.6



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: BELIMT-FUTPA-6A

Date / Time: 10/26/2014 01:34:48 PM

Headroom 1.6 dB (NEXT 36-78)

Test Limit: TIA Cat 6A Channel

Cable Type: Cat 6A FTP

Calibration Date: 03/17/2014

Operator: DOTCOM-TECH

Software Version: 2.7400

Limits Version: 1.9300

NVP: 74.0%

Test Summary: PASS

Model: DTX-1800

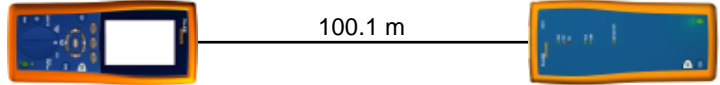
Main S/N: 9310131

Remote S/N: 9310132

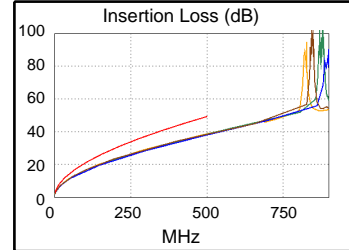
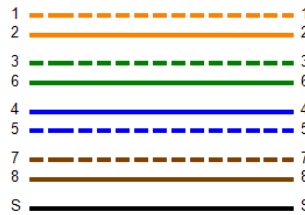
Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (m), Limit 100.0	[Pair 45]	100.1
Prop. Delay (ns), Limit 555	[Pair 12]	491
Delay Skew (ns), Limit 50	[Pair 12]	40
Resistance (ohms)	[Pair 45]	15.7
Insertion Loss Margin (dB)	[Pair 12]	10.4
Frequency (MHz)	[Pair 12]	500.0
Limit (dB)	[Pair 12]	49.3

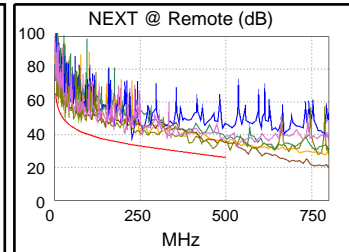
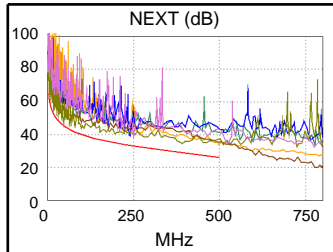


Wire Map (T568B)
PASS

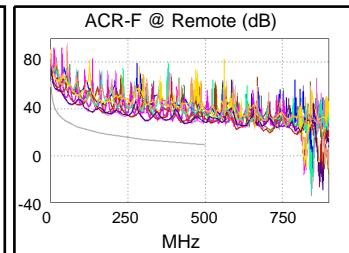
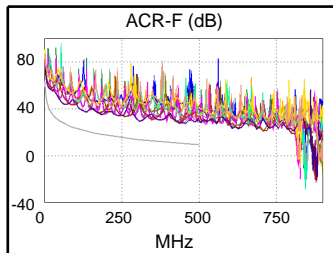


Worst Case Margin Worst Case Value

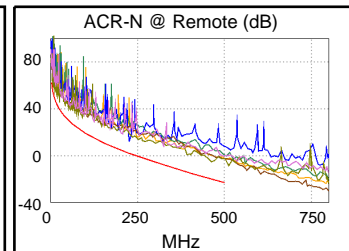
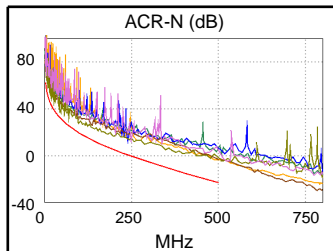
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	36-78
NEXT (dB)	1.6	3.8	7.9	4.6
Freq. (MHz)	47.0	30.9	496.0	462.0
Limit (dB)	45.5	48.5	26.2	27.0
Worst Pair	36	36	36	36
PS NEXT (dB)	3.7	5.5	7.2	5.5
Freq. (MHz)	47.0	463.0	499.0	463.0
Limit (dB)	42.7	24.1	23.3	24.1



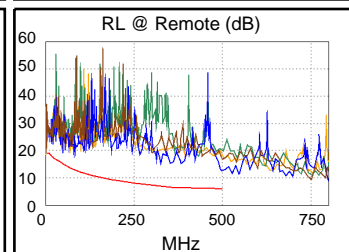
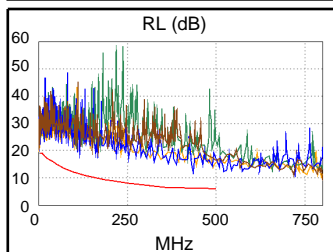
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-F (dB)	15.4	15.3	16.7	16.7
Freq. (MHz)	312.0	309.0	432.0	439.0
Limit (dB)	13.4	13.5	10.5	10.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.8	16.8	17.1	17.7
Freq. (MHz)	4.5	1.0	443.0	449.0
Limit (dB)	47.2	60.3	7.3	7.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	36-78
ACR-N (dB)	4.5	6.1	18.5	14.7
Freq. (MHz)	47.0	30.9	496.0	462.0
Limit (dB)	31.3	37.1	-22.9	-20.2
Worst Pair	36	78	36	36
PS ACR-N (dB)	6.7	7.8	17.9	17.5
Freq. (MHz)	47.0	30.9	499.0	500.0
Limit (dB)	28.6	34.4	-26.0	-26.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	45
RL (dB)	5.1	5.3	6.0	6.3
Freq. (MHz)	3.4	3.4	435.0	496.0
Limit (dB)	19.0	19.0	6.0	6.0



Compliant Network Standards:

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