



**Cable ID: 69165-1**

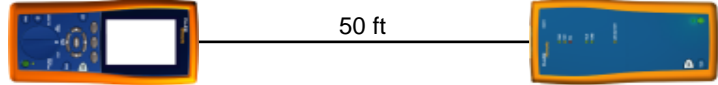
Date / Time: 10/06/2018 03:13:45 PM  
**Headroom 8.0 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Operator: KARIM  
 Software Version: 2.7800  
 Limits Version: 1.9500  
 Calibration Date:  
 Main (Tester): 11/01/2016  
 Remote (Tester): 11/01/2016

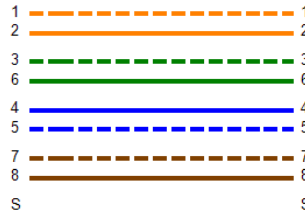
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 3178039  
 Remote S/N: 3178046  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 78]	50
Prop. Delay (ns), Limit 498	[Pair 45]	78
Delay Skew (ns), Limit 44	[Pair 45]	5
Resistance (ohms)	[Pair 45]	2.4
Insertion Loss Margin (dB)	[Pair 36]	25.9
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1

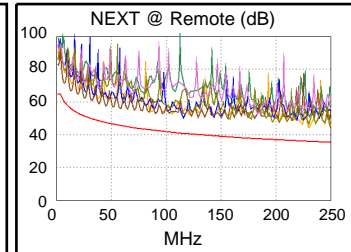
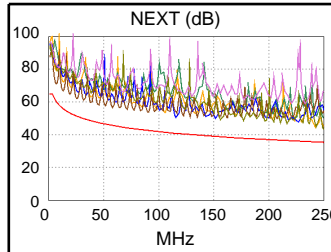


Wire Map (T568B)  
**PASS**

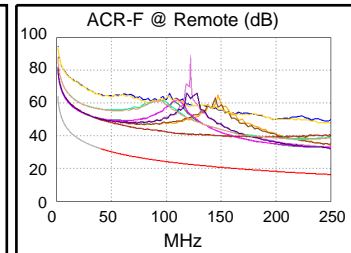
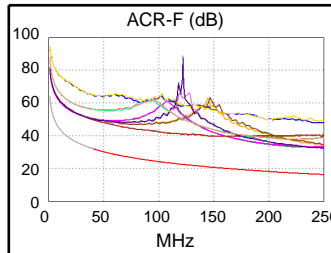


Worst Case Margin Worst Case Value

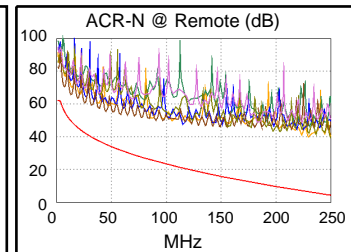
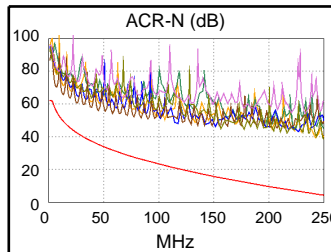
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-78	36-78
<b>NEXT (dB)</b>	8.0	8.5	8.0	8.7
Freq. (MHz)	250.0	230.0	250.0	250.0
Limit (dB)	35.3	35.9	35.3	35.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	8.2	8.7	8.2	8.7
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	32.7	32.7	32.7	32.7



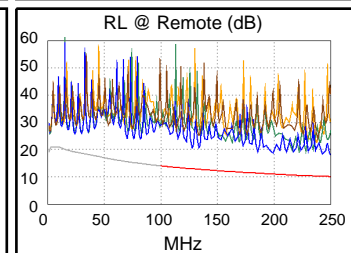
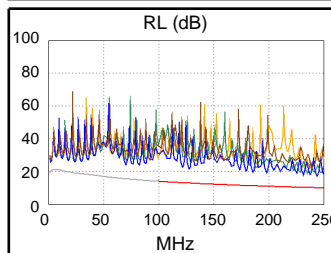
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	78-36	78-36	78-36
<b>ACR-F (dB)</b>	15.9	15.8	16.0	15.8
Freq. (MHz)	214.5	242.5	249.5	249.5
Limit (dB)	17.6	16.5	16.2	16.2
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	15.3	15.2	16.5	16.6
Freq. (MHz)	1.6	1.6	248.5	249.0
Limit (dB)	57.0	57.0	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
<b>ACR-N (dB)</b>	14.3	14.8	34.2	34.9
Freq. (MHz)	6.3	6.3	250.0	250.0
Limit (dB)	56.7	56.7	4.2	4.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	15.7	15.8	34.1	34.6
Freq. (MHz)	6.5	6.6	250.0	250.0
Limit (dB)	54.0	53.8	1.6	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	7.1	6.6	7.1	7.1
Freq. (MHz)	243.5	197.5	243.5	243.5
Limit (dB)	10.1	11.0	10.1	10.1



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: 69165-2**

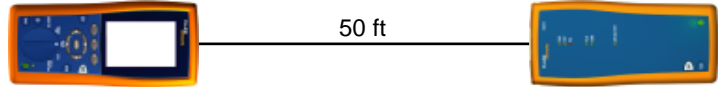
Date / Time: 10/06/2018 03:15:18 PM  
**Headroom 4.7 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Operator: KARIM  
 Software Version: 2.7800  
 Limits Version: 1.9500  
 Calibration Date:  
 Main (Tester): 11/01/2016  
 Remote (Tester): 11/01/2016

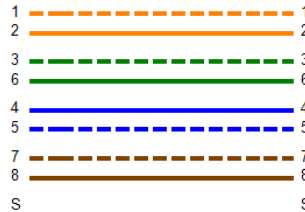
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 3178039  
 Remote S/N: 3178046  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 78]	50
Prop. Delay (ns), Limit 498	[Pair 45]	78
Delay Skew (ns), Limit 44	[Pair 45]	5
Resistance (ohms)	[Pair 45]	2.4
Insertion Loss Margin (dB)	[Pair 45]	25.9
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

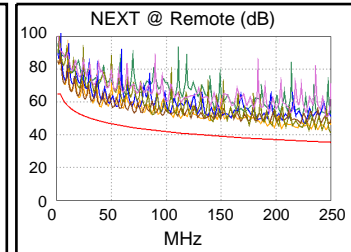
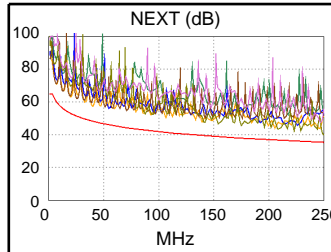


Wire Map (T568B)  
**PASS**

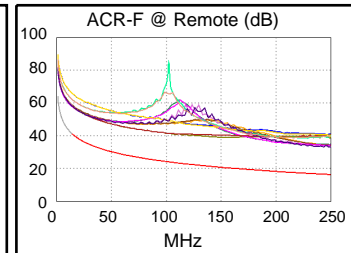
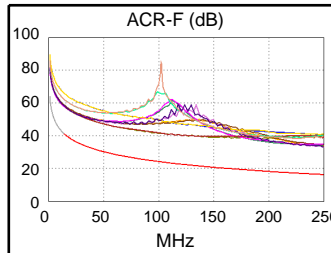


Worst Case Margin Worst Case Value

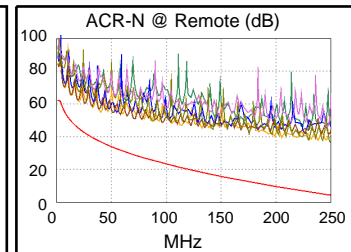
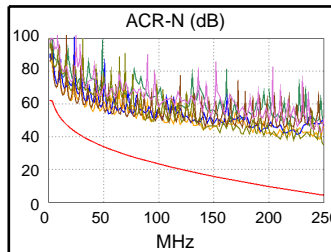
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
<b>NEXT (dB)</b>	4.7	6.2	4.7	6.2
Freq. (MHz)	249.5	249.5	249.5	249.5
Limit (dB)	35.4	35.4	35.4	35.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.7	7.0	6.9	7.1
Freq. (MHz)	209.0	229.5	249.5	249.5
Limit (dB)	34.0	33.3	32.7	32.7



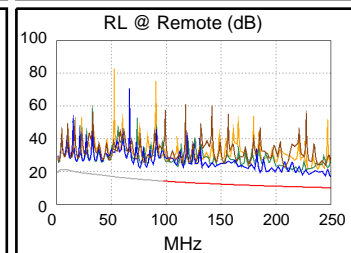
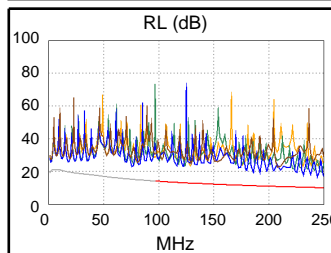
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	36-78	78-36
<b>ACR-F (dB)</b>	16.2	16.2	16.9	16.5
Freq. (MHz)	5.1	5.1	248.5	242.5
Limit (dB)	50.0	50.0	16.3	16.5
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	15.2	15.2	16.7	16.9
Freq. (MHz)	2.0	5.0	249.5	249.0
Limit (dB)	55.2	47.2	13.2	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	36-78
<b>ACR-N (dB)</b>	14.3	14.3	30.9	32.4
Freq. (MHz)	6.3	6.8	249.5	249.5
Limit (dB)	56.7	56.0	4.3	4.3
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.5	13.7	32.8	33.0
Freq. (MHz)	6.4	6.4	249.5	249.5
Limit (dB)	54.2	54.2	1.7	1.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	6.6	6.6	6.6	6.6
Freq. (MHz)	244.0	244.0	244.0	250.0
Limit (dB)	10.1	10.1	10.1	10.0



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: 69165-3**

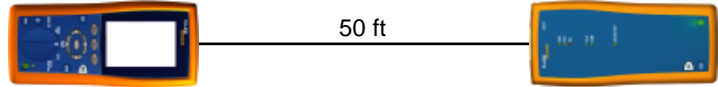
Date / Time: 10/06/2018 03:15:51 PM  
**Headroom 6.1 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Operator: KARIM  
 Software Version: 2.7800  
 Limits Version: 1.9500  
 Calibration Date:  
 Main (Tester): 11/01/2016  
 Remote (Tester): 11/01/2016

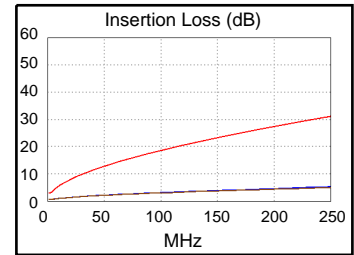
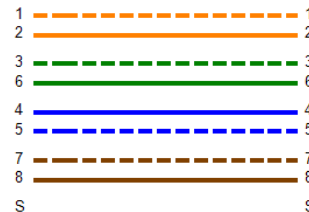
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 3178039  
 Remote S/N: 3178046  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 78]	50
Prop. Delay (ns), Limit 498	[Pair 45]	78
Delay Skew (ns), Limit 44	[Pair 45]	5
Resistance (ohms)	[Pair 45]	2.4
Insertion Loss Margin (dB)	[Pair 45]	25.9
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

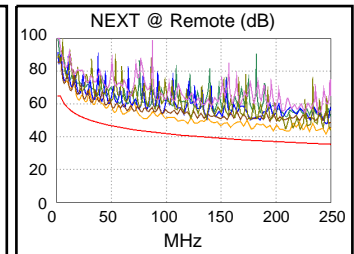
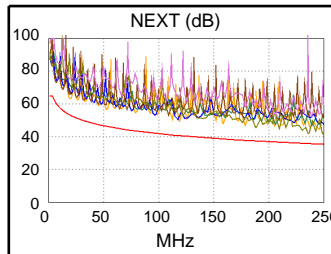


Wire Map (T568B)  
**PASS**

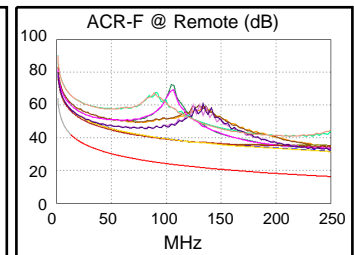
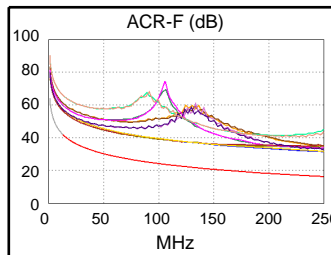


Worst Case Margin Worst Case Value

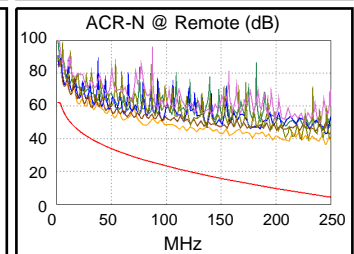
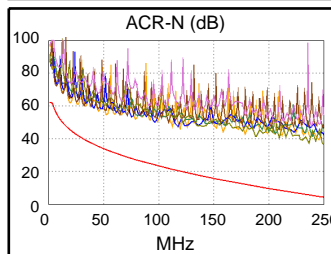
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-78	12-36
<b>NEXT (dB)</b>	6.1	6.1	6.1	6.1
Freq. (MHz)	236.0	210.5	249.5	245.0
Limit (dB)	35.7	36.6	35.4	35.5
Worst Pair	36	36	36	12
<b>PS NEXT (dB)</b>	7.4	6.6	7.4	7.5
Freq. (MHz)	236.0	210.0	236.0	245.0
Limit (dB)	33.1	34.0	33.1	32.9



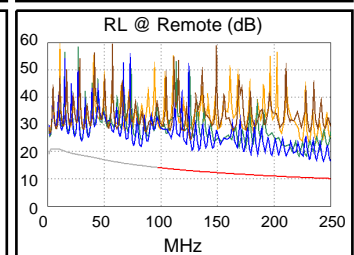
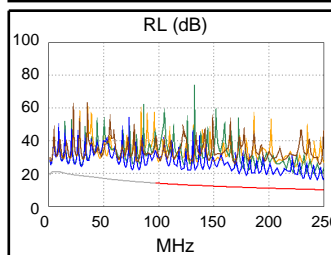
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	78-12
<b>ACR-F (dB)</b>	14.2	14.2	15.2	15.2
Freq. (MHz)	17.3	23.0	247.5	250.0
Limit (dB)	39.5	37.0	16.3	16.2
Worst Pair	36	36	12	12
<b>PS ACR-F (dB)</b>	14.0	14.0	15.2	14.9
Freq. (MHz)	6.6	1.6	247.0	248.5
Limit (dB)	44.8	57.0	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	36-78	12-36
<b>ACR-N (dB)</b>	16.3	16.1	32.3	31.8
Freq. (MHz)	6.3	19.6	249.5	245.0
Limit (dB)	56.7	45.4	4.3	4.7
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	16.4	16.1	32.5	33.2
Freq. (MHz)	6.3	6.6	236.0	244.0
Limit (dB)	54.3	53.8	3.0	2.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	6.0	6.4	6.0	6.4
Freq. (MHz)	244.0	243.5	244.0	243.5
Limit (dB)	10.1	10.1	10.1	10.1



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: 69165-4**

Date / Time: 10/06/2018 03:18:22 PM

Headroom 8.1 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: KARIM

Software Version: 2.7800

Limits Version: 1.9500

Calibration Date:

Main (Tester): 11/01/2016

Remote (Tester): 11/01/2016

**Test Summary: PASS**

Model: DTX-1800

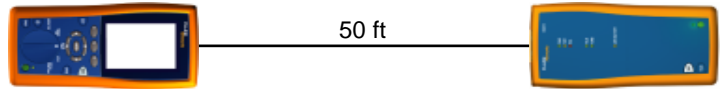
Main S/N: 3178039

Remote S/N: 3178046

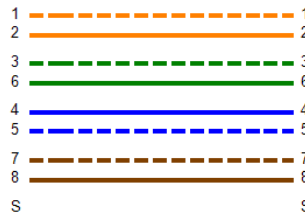
Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 78]	50
Prop. Delay (ns), Limit 498	[Pair 45]	78
Delay Skew (ns), Limit 44	[Pair 45]	5
Resistance (ohms)	[Pair 45]	2.5
Insertion Loss Margin (dB)	[Pair 36]	25.9
Frequency (MHz)	[Pair 36]	249.5
Limit (dB)	[Pair 36]	31.1

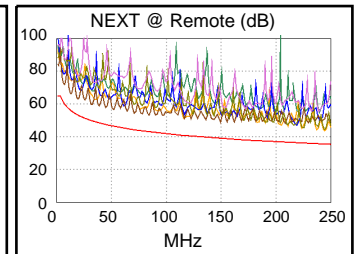
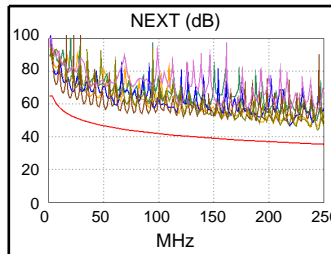


Wire Map (T568B)  
**PASS**

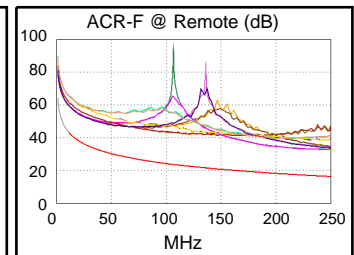
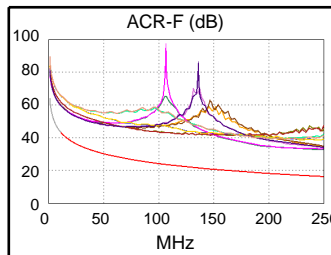


Worst Case Margin Worst Case Value

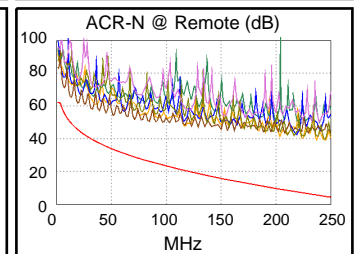
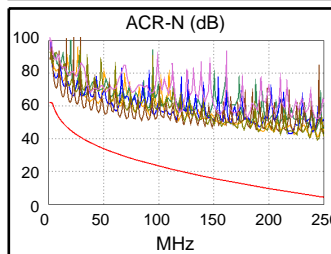
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-78	12-36
<b>NEXT (dB)</b>	8.6	8.1	8.6	8.1
Freq. (MHz)	244.0	244.0	244.0	244.0
Limit (dB)	35.5	35.5	35.5	35.5
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	8.8	7.6	8.8	7.6
Freq. (MHz)	244.0	244.0	244.0	244.0
Limit (dB)	32.9	32.9	32.9	32.9



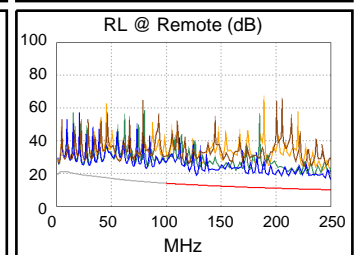
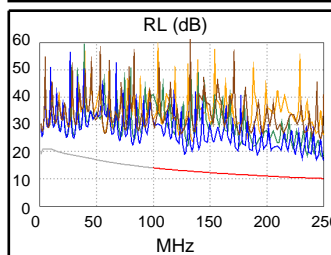
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
<b>ACR-F (dB)</b>	15.7	15.9	16.0	16.0
Freq. (MHz)	221.5	218.5	240.0	240.5
Limit (dB)	17.3	17.4	16.6	16.6
Worst Pair	36	36	12	12
<b>PS ACR-F (dB)</b>	15.1	15.1	16.7	16.6
Freq. (MHz)	6.6	5.5	240.5	249.5
Limit (dB)	44.8	46.4	13.6	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
<b>ACR-N (dB)</b>	14.9	15.1	34.5	33.7
Freq. (MHz)	6.4	6.3	244.0	244.0
Limit (dB)	56.5	56.7	4.8	4.8
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	16.8	16.8	34.4	33.2
Freq. (MHz)	6.4	6.5	244.0	244.0
Limit (dB)	54.2	54.0	2.2	2.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	6.1	6.0	6.6	6.4
Freq. (MHz)	127.5	127.5	244.0	244.0
Limit (dB)	12.9	12.9	10.1	10.1



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: 69165-5**

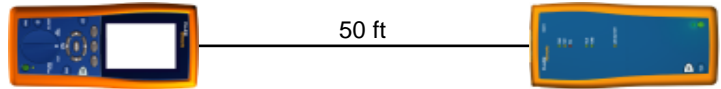
Date / Time: 10/06/2018 03:19:05 PM  
**Headroom 7.2 dB (NEXT 12-36)**  
 Test Limit: TIA Cat 6 Perm. Link  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Operator: KARIM  
 Software Version: 2.7800  
 Limits Version: 1.9500  
 Calibration Date:  
 Main (Tester): 11/01/2016  
 Remote (Tester): 11/01/2016

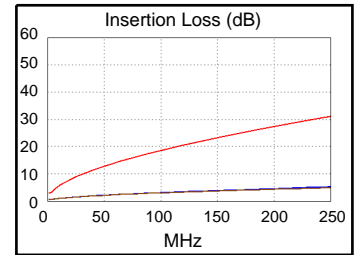
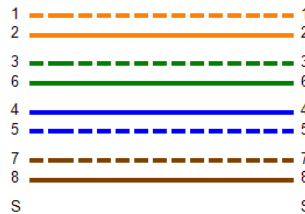
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 3178039  
 Remote S/N: 3178046  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 78]	50
Prop. Delay (ns), Limit 498	[Pair 45]	78
Delay Skew (ns), Limit 44	[Pair 45]	5
Resistance (ohms)	[Pair 45]	2.4
Insertion Loss Margin (dB)	[Pair 45]	25.9
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

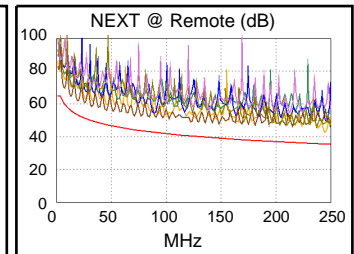
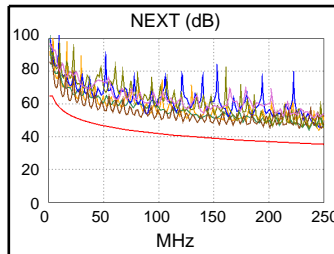


Wire Map (T568B)  
**PASS**

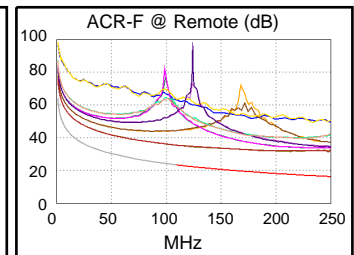
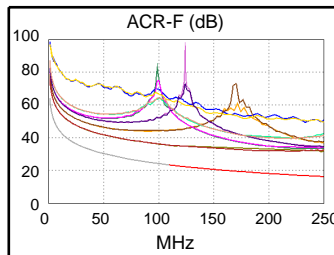


Worst Case Margin Worst Case Value

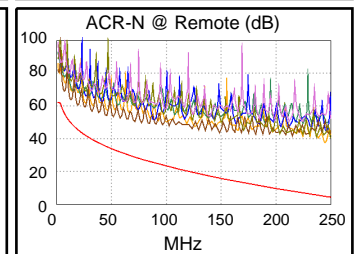
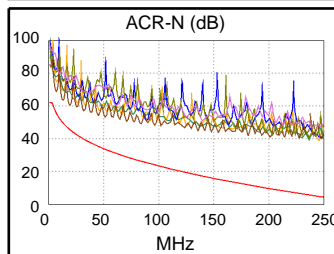
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	8.4	7.2	8.4	7.2
Freq. (MHz)	245.0	244.5	245.0	244.5
Limit (dB)	35.5	35.5	35.5	35.5
Worst Pair	12	36	12	36
<b>PS NEXT (dB)</b>	8.3	8.2	8.3	8.2
Freq. (MHz)	244.5	244.0	244.5	244.0
Limit (dB)	32.9	32.9	32.9	32.9



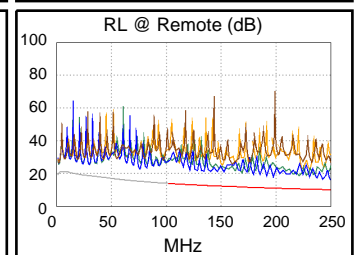
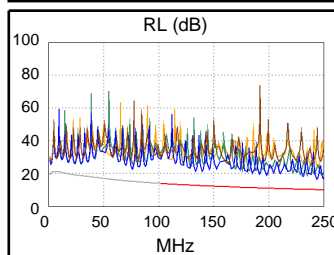
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-F (dB)</b>	11.1	11.1	15.1	13.3
Freq. (MHz)	11.3	11.3	247.5	199.5
Limit (dB)	43.2	43.2	16.3	18.2
Worst Pair	36	36	45	36
<b>PS ACR-F (dB)</b>	12.0	12.0	15.7	15.8
Freq. (MHz)	6.6	7.3	247.5	247.5
Limit (dB)	44.8	44.0	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
<b>ACR-N (dB)</b>	13.1	13.2	34.1	32.8
Freq. (MHz)	6.3	6.3	245.0	244.5
Limit (dB)	56.7	56.7	4.7	4.8
Worst Pair	36	36	12	36
<b>PS ACR-N (dB)</b>	14.3	14.3	34.1	33.8
Freq. (MHz)	6.5	6.9	244.5	244.0
Limit (dB)	54.0	53.5	2.2	2.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	6.5	5.7	6.5	5.7
Freq. (MHz)	243.5	243.5	243.5	243.5
Limit (dB)	10.1	10.1	10.1	10.1



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: 69165-6**

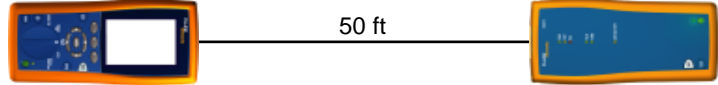
Date / Time: 10/06/2018 03:20:02 PM  
**Headroom 7.4 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Operator: KARIM  
 Software Version: 2.7800  
 Limits Version: 1.9500  
 Calibration Date:  
 Main (Tester): 11/01/2016  
 Remote (Tester): 11/01/2016

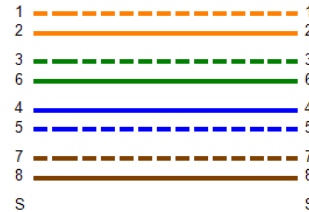
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 3178039  
 Remote S/N: 3178046  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	50
Prop. Delay (ns), Limit 498	[Pair 45]	78
Delay Skew (ns), Limit 44	[Pair 45]	5
Resistance (ohms)	[Pair 45]	2.5
Insertion Loss Margin (dB)	[Pair 45]	25.9
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

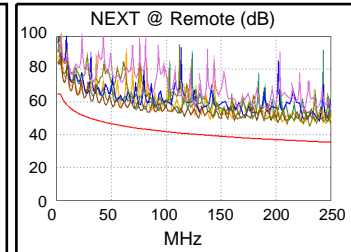
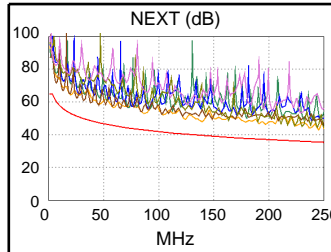


Wire Map (T568B)  
**PASS**

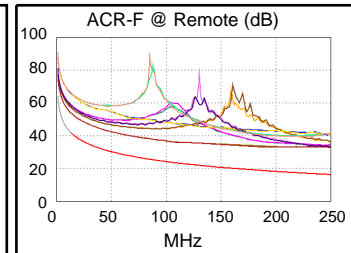
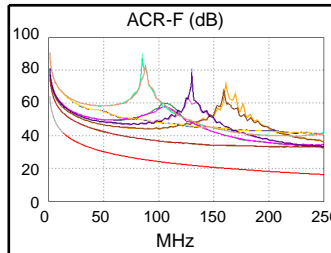


Worst Case Margin Worst Case Value

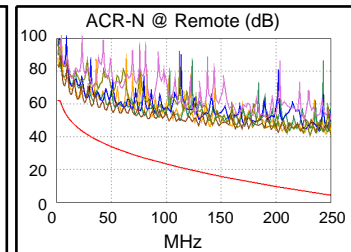
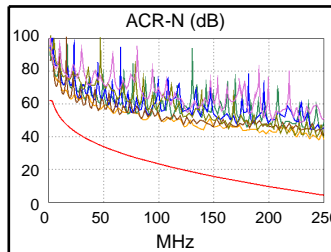
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	12-36	36-78
<b>NEXT (dB)</b>	7.4	9.5	7.4	9.5
Freq. (MHz)	244.5	230.5	244.5	230.5
Limit (dB)	35.5	35.9	35.5	35.9
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.3	9.3	7.4	9.3
Freq. (MHz)	244.0	223.5	250.0	223.5
Limit (dB)	32.9	33.5	32.7	33.5



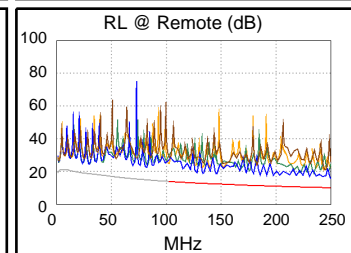
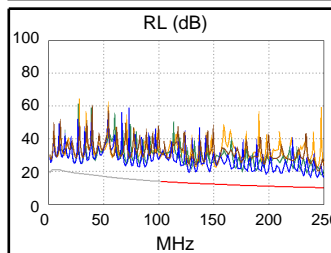
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	36-45
<b>ACR-F (dB)</b>	12.0	11.9	16.3	15.1
Freq. (MHz)	5.1	6.6	248.5	213.0
Limit (dB)	50.0	47.8	16.3	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	12.2	12.2	16.0	15.8
Freq. (MHz)	5.3	5.3	249.0	249.5
Limit (dB)	46.8	46.8	13.3	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-78
<b>ACR-N (dB)</b>	15.2	15.4	33.0	34.6
Freq. (MHz)	6.3	6.5	244.5	230.5
Limit (dB)	56.7	56.3	4.8	6.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	16.0	16.2	33.4	36.1
Freq. (MHz)	6.8	6.6	250.0	250.0
Limit (dB)	53.6	53.8	1.6	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	6.2	5.4	6.2	5.4
Freq. (MHz)	250.0	244.0	250.0	244.0
Limit (dB)	10.0	10.1	10.0	10.1



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