



**Cable ID: 69161-1**

Date / Time: 10/08/2018 10:17:15 AM

Headroom 4.3 dB (NEXT 12-45)

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

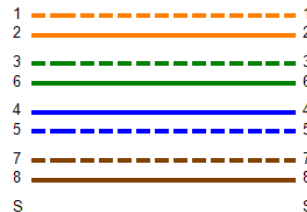
Length (ft), Limit 295	[Pair 78]	10
Prop. Delay (ns), Limit 498	[Pair 12]	15
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 45]	0.7
Insertion Loss Margin (dB)	[Pair 45]	29.6
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



10 ft

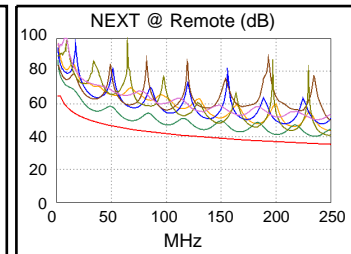
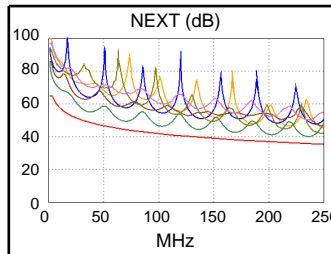


Wire Map (T568B)  
**PASS**

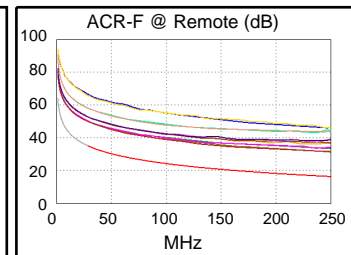
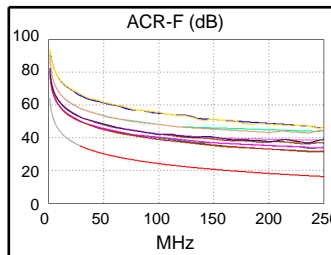


Worst Case Margin Worst Case Value

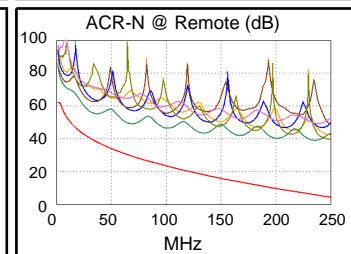
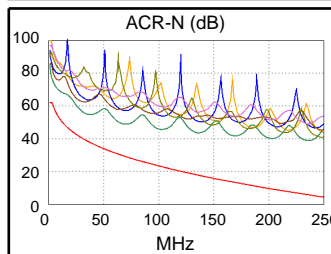
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
<b>NEXT (dB)</b>	4.3	4.4	4.3	4.4
Freq. (MHz)	201.5	199.0	236.0	235.5
Limit (dB)	36.9	37.0	35.7	35.8
Worst Pair	12	36	12	36
<b>PS NEXT (dB)</b>	6.2	6.0	6.3	6.0
Freq. (MHz)	201.5	248.0	236.0	248.0
Limit (dB)	34.3	32.8	33.1	32.8



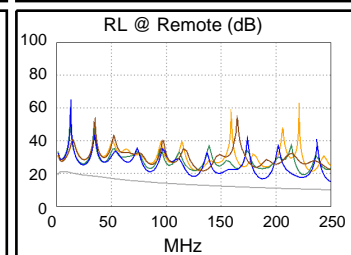
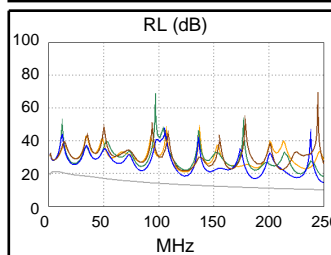
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-45	45-36
<b>ACR-F (dB)</b>	14.1	14.1	14.8	14.2
Freq. (MHz)	198.0	193.5	250.0	233.0
Limit (dB)	18.3	18.5	16.2	16.8
Worst Pair	45	36	36	45
<b>PS ACR-F (dB)</b>	14.4	14.5	15.3	15.3
Freq. (MHz)	1.5	2.4	234.5	238.0
Limit (dB)	57.7	53.7	13.8	13.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
<b>ACR-N (dB)</b>	14.1	15.1	33.1	33.3
Freq. (MHz)	3.4	3.6	236.0	235.5
Limit (dB)	61.8	61.4	5.7	5.7
Worst Pair	45	45	12	36
<b>PS ACR-N (dB)</b>	15.6	15.8	35.2	35.6
Freq. (MHz)	4.0	3.9	236.0	248.0
Limit (dB)	58.3	58.5	3.0	1.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.5	5.1	4.5	5.1
Freq. (MHz)	249.5	124.0	249.5	249.5
Limit (dB)	10.0	13.1	10.0	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: 69161-2**

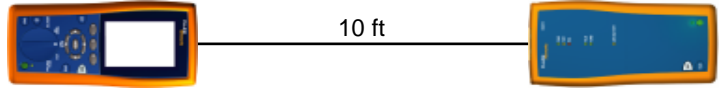
Date / Time: 10/08/2018 10:19:10 AM  
**Headroom 6.5 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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

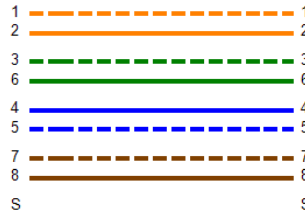
**Test Summary: PASS**

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]	10
Prop. Delay (ns), Limit 498	[Pair 12]	15
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 36]	0.6
Insertion Loss Margin (dB)	[Pair 45]	29.6
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

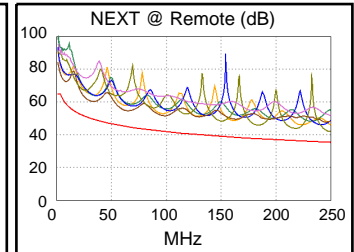
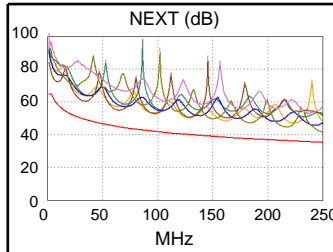


Wire Map (T568B)  
**PASS**

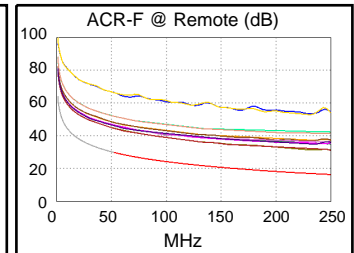
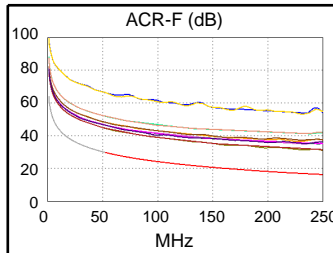


Worst Case Margin Worst Case Value

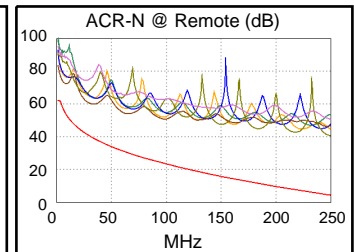
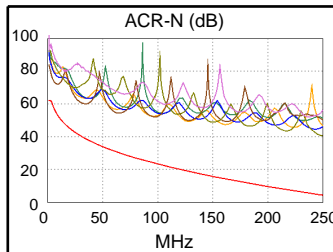
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
<b>NEXT (dB)</b>	6.5	6.6	6.5	6.6
Freq. (MHz)	248.5	249.0	248.5	249.0
Limit (dB)	35.4	35.4	35.4	35.4
Worst Pair	78	36	36	36
<b>PS NEXT (dB)</b>	7.8	7.1	7.9	7.1
Freq. (MHz)	246.5	250.0	250.0	250.0
Limit (dB)	32.8	32.7	32.7	32.7



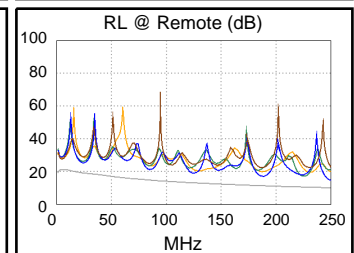
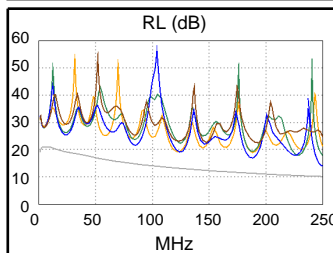
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	14.1	14.2	14.8	14.9
Freq. (MHz)	197.5	195.5	249.5	249.5
Limit (dB)	18.3	18.4	16.2	16.2
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	14.3	14.2	15.0	15.1
Freq. (MHz)	4.1	60.5	234.5	231.5
Limit (dB)	48.9	25.6	13.8	13.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
<b>ACR-N (dB)</b>	15.6	15.2	36.3	36.5
Freq. (MHz)	3.5	3.5	248.5	249.0
Limit (dB)	61.7	61.7	4.4	4.3
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	17.0	16.3	37.6	36.8
Freq. (MHz)	4.4	3.9	250.0	250.0
Limit (dB)	57.5	58.5	1.6	1.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	3.9	4.6	3.9	4.6
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	10.0	10.0	10.0	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: 69161-3**

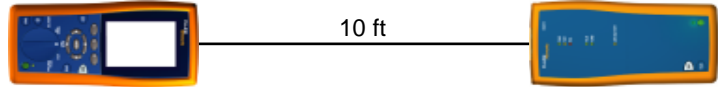
Date / Time: 10/08/2018 10:19:42 AM  
**Headroom 6.4 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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

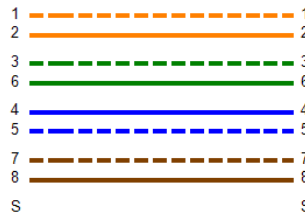
**Test Summary: PASS**

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]	10
Prop. Delay (ns), Limit 498	[Pair 12]	15
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 45]	0.6
Insertion Loss Margin (dB)	[Pair 45]	29.6
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

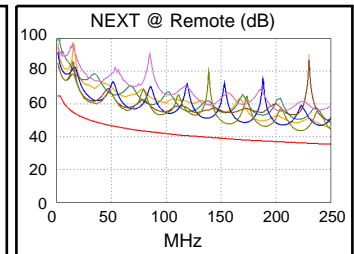
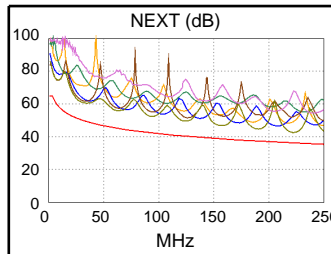


Wire Map (T568B)  
**PASS**

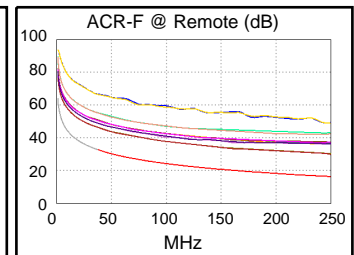
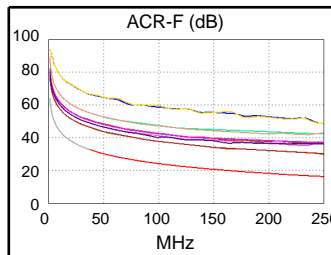


Worst Case Margin Worst Case Value

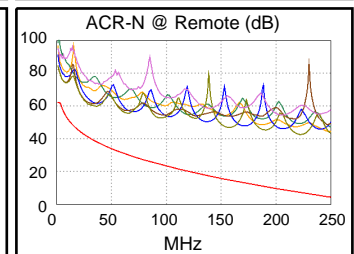
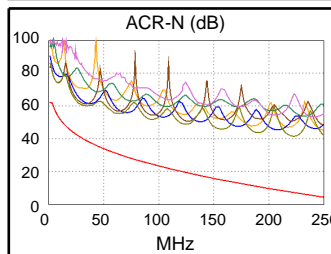
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
<b>NEXT (dB)</b>	6.4	7.5	6.4	7.5
Freq. (MHz)	221.5	221.5	221.5	221.5
Limit (dB)	36.2	36.2	36.2	36.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.7	8.7	8.5	9.0
Freq. (MHz)	220.5	219.0	250.0	249.5
Limit (dB)	33.6	33.7	32.7	32.7



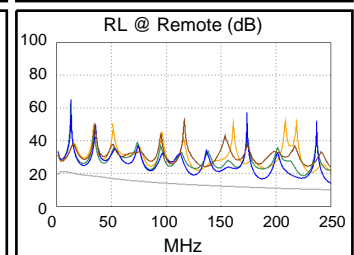
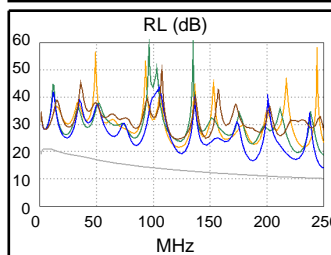
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-45	45-36
<b>ACR-F (dB)</b>	13.0	13.0	13.4	13.5
Freq. (MHz)	195.5	195.5	250.0	250.0
Limit (dB)	18.4	18.4	16.2	16.2
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	13.5	13.4	14.1	14.2
Freq. (MHz)	2.0	2.4	231.5	230.0
Limit (dB)	55.2	53.7	13.9	14.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-78	36-78
<b>ACR-N (dB)</b>	17.9	17.0	34.3	35.4
Freq. (MHz)	3.5	3.5	221.5	221.5
Limit (dB)	61.7	61.7	7.2	7.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	17.3	15.9	38.2	38.6
Freq. (MHz)	4.0	3.9	250.0	249.5
Limit (dB)	58.3	58.5	1.6	1.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	3.9	4.3	3.9	4.3
Freq. (MHz)	250.0	249.5	250.0	249.5
Limit (dB)	10.0	10.0	10.0	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: 69161-4**

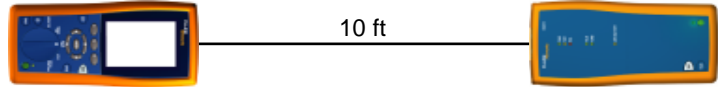
Date / Time: 10/08/2018 10:26:17 AM  
**Headroom 5.9 dB (NEXT 36-78)**  
 Test Limit: TIA Cat 6 Perm. Link  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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

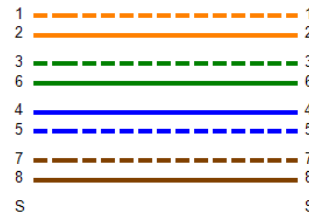
**Test Summary: PASS**

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]	10
Prop. Delay (ns), Limit 498	[Pair 12]	15
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 45]	0.7
Insertion Loss Margin (dB)	[Pair 45]	29.6
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

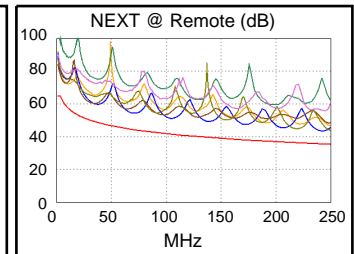
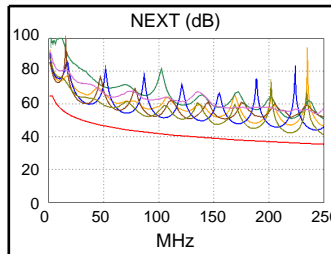


Wire Map (T568B)  
**PASS**

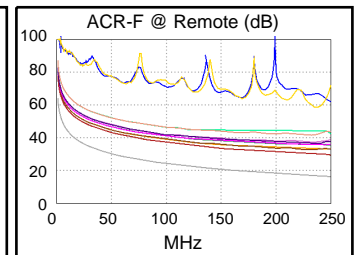
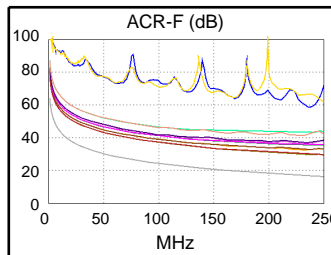


Worst Case Margin Worst Case Value

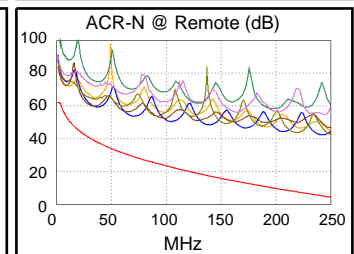
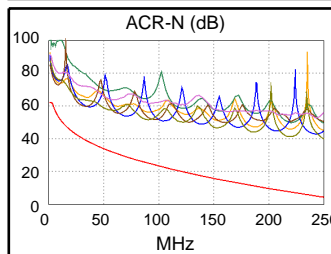
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-78	36-78	12-78
<b>NEXT (dB)</b>	5.9	7.9	5.9	7.9
Freq. (MHz)	250.0	241.5	250.0	241.5
Limit (dB)	35.3	35.6	35.3	35.6
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.1	8.5	7.1	8.5
Freq. (MHz)	218.5	249.0	250.0	249.0
Limit (dB)	33.7	32.7	32.7	32.7



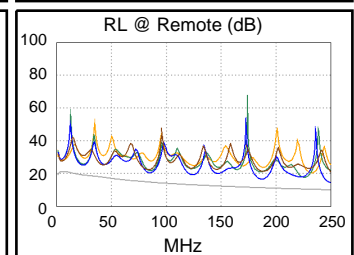
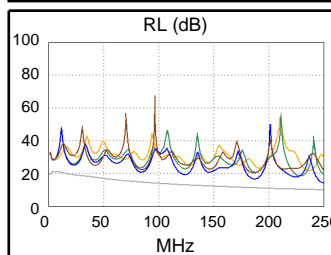
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	36-45
<b>ACR-F (dB)</b>	12.4	12.5	13.2	13.2
Freq. (MHz)	193.5	193.5	249.5	249.5
Limit (dB)	18.5	18.5	16.2	16.2
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	12.7	12.7	13.3	13.4
Freq. (MHz)	3.3	3.3	232.0	234.5
Limit (dB)	51.0	51.0	13.9	13.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-78
<b>ACR-N (dB)</b>	16.5	15.6	35.7	37.3
Freq. (MHz)	3.6	4.1	250.0	242.0
Limit (dB)	61.4	60.3	4.2	5.0
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	15.7	14.7	36.8	38.1
Freq. (MHz)	4.4	3.9	250.0	249.0
Limit (dB)	57.5	58.5	1.6	1.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.3	4.5	4.3	4.5
Freq. (MHz)	249.5	249.5	249.5	249.5
Limit (dB)	10.0	10.0	10.0	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: 69161-5**

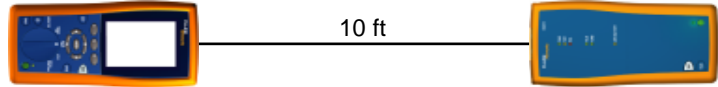
Date / Time: 10/08/2018 10:26:55 AM  
**Headroom 6.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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

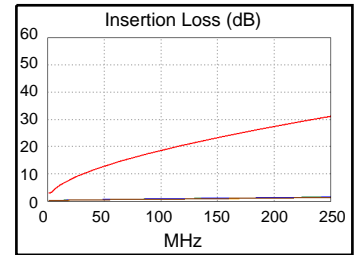
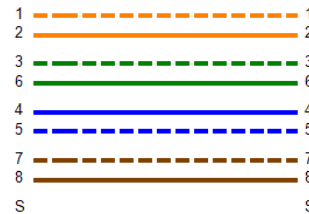
**Test Summary: PASS**

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]	10
Prop. Delay (ns), Limit 498	[Pair 12]	15
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 45]	0.7
Insertion Loss Margin (dB)	[Pair 45]	29.6
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

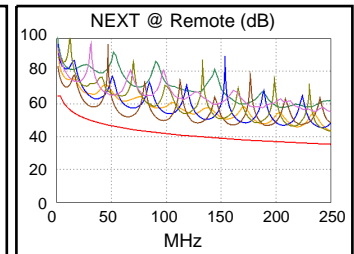
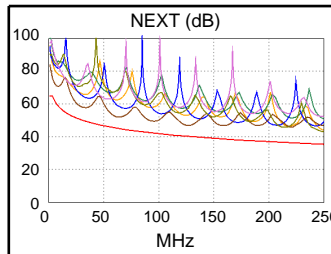


Wire Map (T568B)  
**PASS**

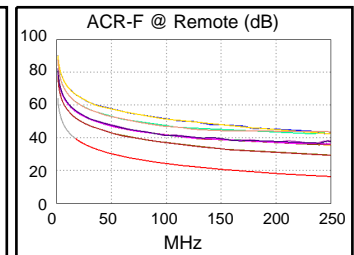
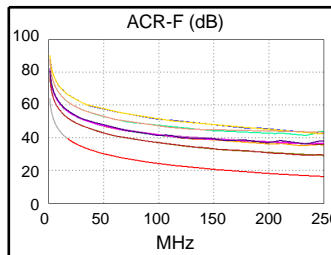


Worst Case Margin Worst Case Value

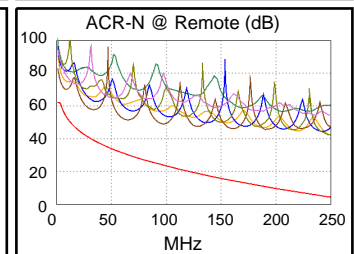
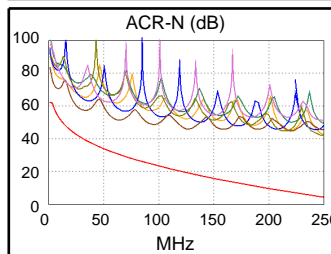
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
<b>NEXT (dB)</b>	6.6	7.2	7.8	8.1
Freq. (MHz)	125.0	62.3	248.5	248.5
Limit (dB)	40.3	45.2	35.4	35.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.1	7.3	7.1	7.3
Freq. (MHz)	248.0	249.0	248.5	249.0
Limit (dB)	32.8	32.7	32.7	32.7



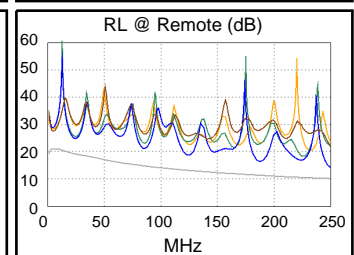
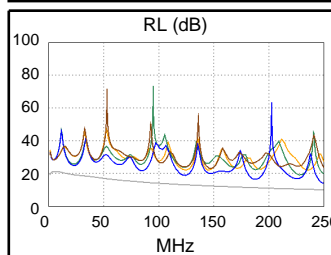
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	12.2	12.3	12.8	12.5
Freq. (MHz)	198.0	198.0	249.0	236.0
Limit (dB)	18.3	18.3	16.3	16.7
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	13.1	13.1	13.7	13.9
Freq. (MHz)	4.1	4.1	232.5	232.0
Limit (dB)	48.9	48.9	13.9	13.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
<b>ACR-N (dB)</b>	14.0	13.3	37.6	38.0
Freq. (MHz)	3.5	3.5	248.5	250.0
Limit (dB)	61.7	61.7	4.4	4.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	15.6	14.7	36.6	36.9
Freq. (MHz)	4.0	4.1	248.5	249.0
Limit (dB)	58.3	58.0	1.8	1.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.0	4.2	4.0	4.2
Freq. (MHz)	249.5	250.0	249.5	250.0
Limit (dB)	10.0	10.0	10.0	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: 69161-6**

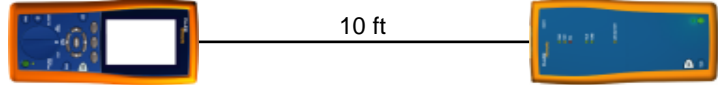
Date / Time: 10/08/2018 10:27:54 AM  
**Headroom 5.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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

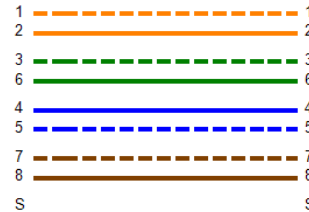
**Test Summary: PASS**

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]	10
Prop. Delay (ns), Limit 498	[Pair 12]	15
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 45]	0.7
Insertion Loss Margin (dB)	[Pair 45]	29.6
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

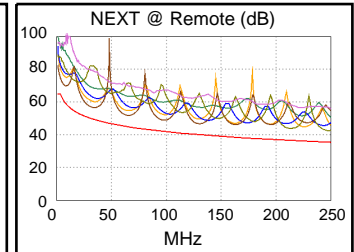
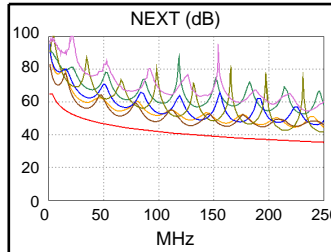


Wire Map (T568B)  
**PASS**

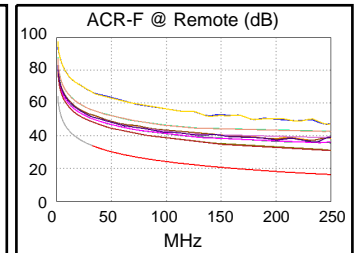
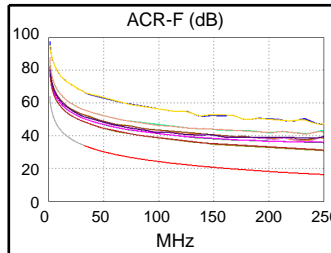


Worst Case Margin Worst Case Value

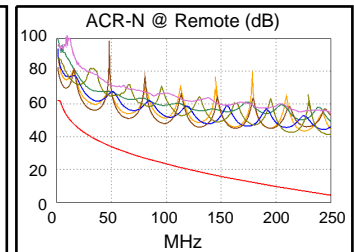
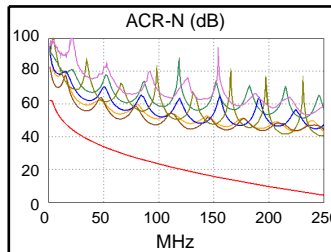
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
<b>NEXT (dB)</b>	5.4	6.7	6.3	7.1
Freq. (MHz)	127.0	128.5	248.0	247.5
Limit (dB)	40.2	40.1	35.4	35.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.2	7.4	6.4	8.2
Freq. (MHz)	125.5	128.5	249.5	249.0
Limit (dB)	37.7	37.5	32.7	32.7



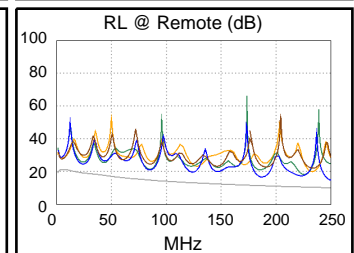
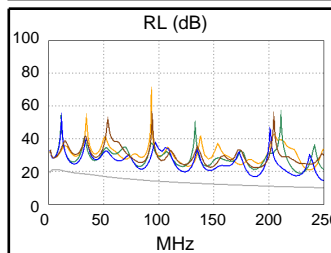
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	13.7	13.8	14.6	14.0
Freq. (MHz)	197.5	195.5	250.0	233.0
Limit (dB)	18.3	18.4	16.2	16.8
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	14.5	14.5	15.2	15.3
Freq. (MHz)	4.4	4.8	229.0	233.0
Limit (dB)	48.4	47.7	14.0	13.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
<b>ACR-N (dB)</b>	13.3	12.6	36.1	36.8
Freq. (MHz)	3.5	3.5	248.0	247.5
Limit (dB)	61.7	61.7	4.4	4.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	14.9	13.9	36.0	37.8
Freq. (MHz)	4.0	3.9	249.5	249.5
Limit (dB)	58.3	58.5	1.7	1.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.5	4.7	4.5	4.7
Freq. (MHz)	249.5	250.0	249.5	250.0
Limit (dB)	10.0	10.0	10.0	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