



**Cable ID: 69162-1**

Date / Time: 10/06/2018 02:51:39 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

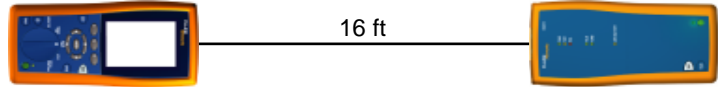
Main S/N: 3178039

Remote S/N: 3178046

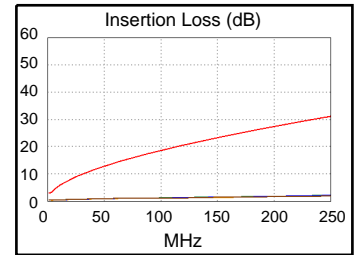
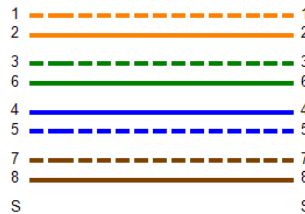
Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	16
Prop. Delay (ns), Limit 498	[Pair 36]	26
Delay Skew (ns), Limit 44	[Pair 36]	2
Resistance (ohms)	[Pair 36]	1.4
Insertion Loss Margin (dB)	[Pair 36]	28.8
Frequency (MHz)	[Pair 36]	247.5
Limit (dB)	[Pair 36]	30.9

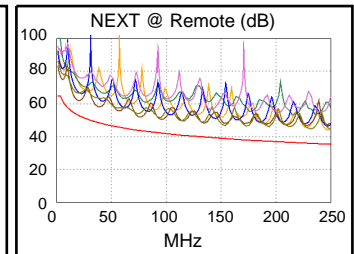
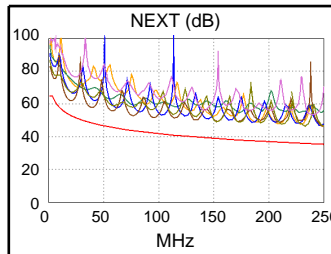


Wire Map (T568B)  
**PASS**

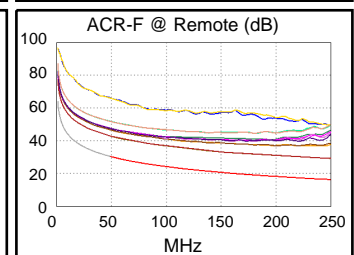
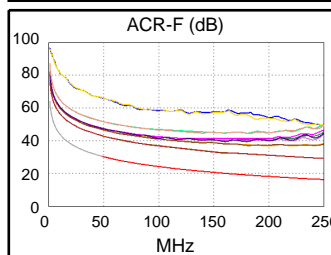


Worst Case Margin Worst Case Value

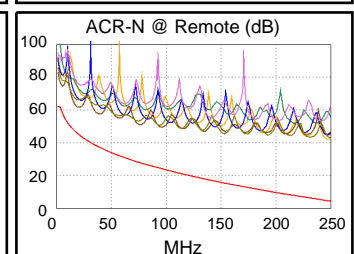
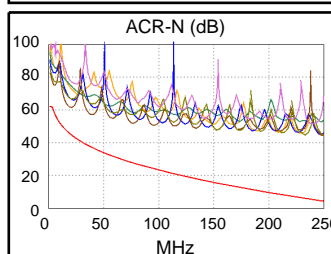
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	12-36	12-36
<b>NEXT (dB)</b>	8.9	8.0	11.0	8.8
Freq. (MHz)	18.6	152.5	248.5	247.0
Limit (dB)	53.6	38.9	35.4	35.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	9.1	7.6	9.1	7.9
Freq. (MHz)	152.0	152.5	248.5	247.5
Limit (dB)	36.3	36.3	32.7	32.8



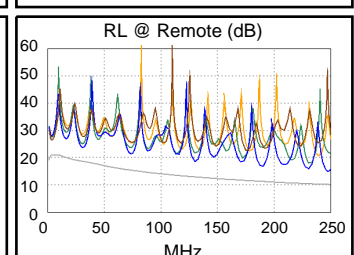
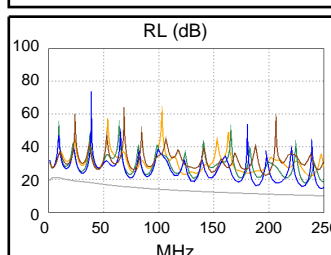
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	12.1	12.2	12.1	12.2
Freq. (MHz)	217.0	217.0	238.0	238.0
Limit (dB)	17.5	17.5	16.7	16.7
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	12.7	12.7	14.3	14.5
Freq. (MHz)	3.8	3.3	238.0	239.0
Limit (dB)	49.7	51.0	13.7	13.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
<b>ACR-N (dB)</b>	15.4	14.7	40.0	37.6
Freq. (MHz)	3.4	3.5	248.5	247.0
Limit (dB)	61.8	61.7	4.4	4.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	16.0	15.4	38.0	36.7
Freq. (MHz)	4.0	3.9	248.5	247.5
Limit (dB)	58.3	58.5	1.8	1.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.4	4.9	4.4	4.9
Freq. (MHz)	247.0	247.0	247.0	247.0
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: 69162-2**

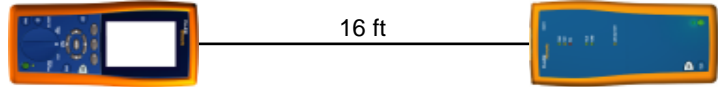
Date / Time: 10/06/2018 02:52:15 PM  
**Headroom 2.9 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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

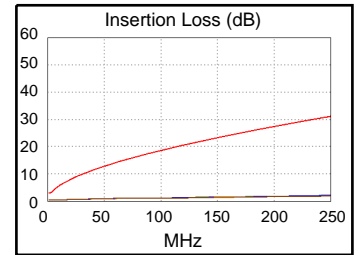
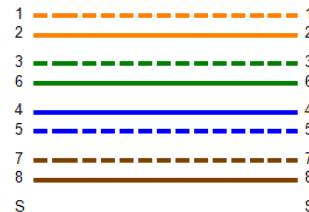
**Test Summary: PASS**

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

Length (ft), Limit 295	[Pair 12]	16
Prop. Delay (ns), Limit 498	[Pair 36]	26
Delay Skew (ns), Limit 44	[Pair 36]	2
Resistance (ohms)	[Pair 78]	1.2
Insertion Loss Margin (dB)	[Pair 36]	28.8
Frequency (MHz)	[Pair 36]	247.0
Limit (dB)	[Pair 36]	30.9

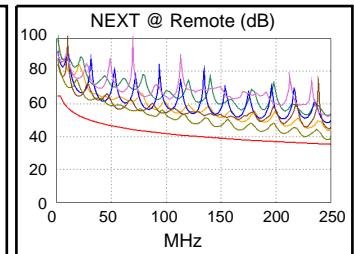
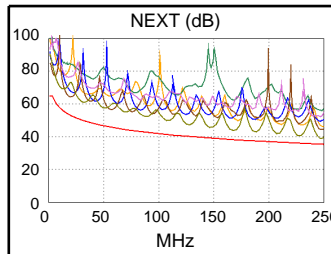


Wire Map (T568B)  
**PASS**

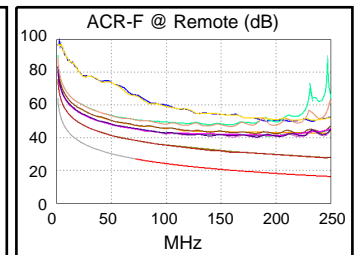
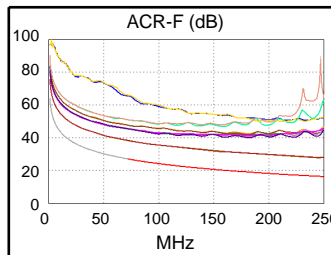


Worst Case Margin Worst Case Value

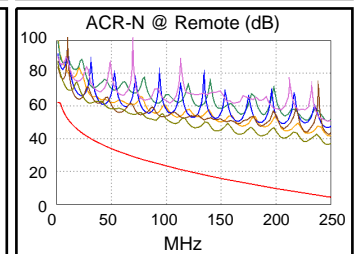
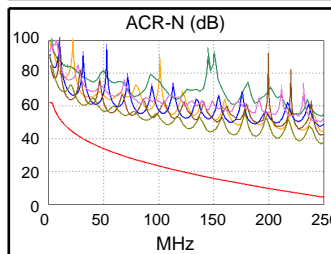
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
<b>NEXT (dB)</b>	3.5	2.9	3.5	2.9
Freq. (MHz)	247.0	245.5	247.0	247.0
Limit (dB)	35.4	35.5	35.4	35.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	4.5	3.8	4.5	3.8
Freq. (MHz)	247.0	247.0	247.0	247.0
Limit (dB)	32.8	32.8	32.8	32.8



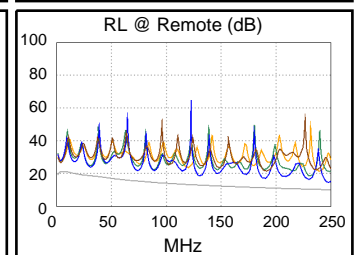
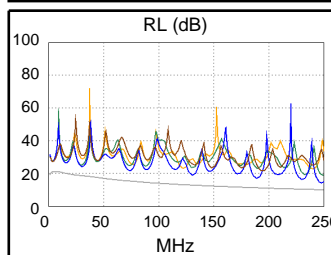
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	10.9	10.8	10.9	10.8
Freq. (MHz)	240.5	240.5	240.5	240.5
Limit (dB)	16.6	16.6	16.6	16.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	12.7	12.8	13.7	13.7
Freq. (MHz)	2.8	2.4	239.0	240.5
Limit (dB)	52.4	53.7	13.6	13.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
<b>ACR-N (dB)</b>	17.7	16.8	32.6	32.0
Freq. (MHz)	3.9	3.6	247.0	247.0
Limit (dB)	60.8	61.4	4.5	4.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	18.4	16.4	33.3	32.6
Freq. (MHz)	3.9	4.3	247.0	247.0
Limit (dB)	58.5	57.8	1.9	1.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.2	4.5	4.2	4.5
Freq. (MHz)	247.5	247.5	247.5	247.5
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: 69162-3**

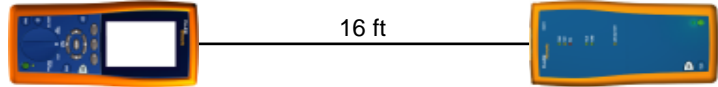
Date / Time: 10/06/2018 02:53:26 PM  
**Headroom 8.9 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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

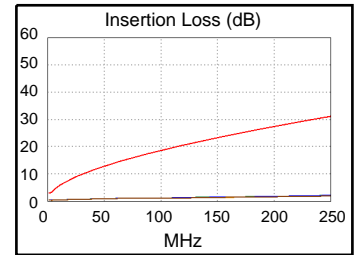
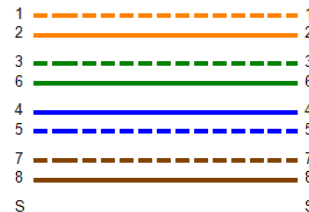
**Test Summary: PASS**

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]	16
Prop. Delay (ns), Limit 498	[Pair 36]	26
Delay Skew (ns), Limit 44	[Pair 36]	2
Resistance (ohms)	[Pair 45]	1.0
Insertion Loss Margin (dB)	[Pair 36]	28.7
Frequency (MHz)	[Pair 36]	245.5
Limit (dB)	[Pair 36]	30.8

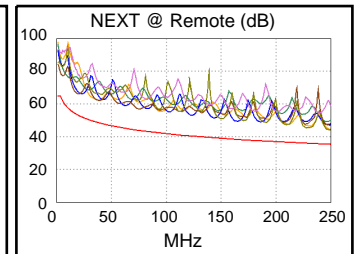
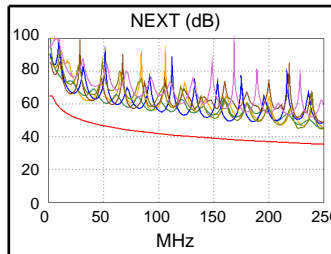


Wire Map (T568B)  
**PASS**

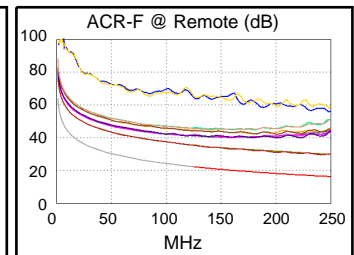
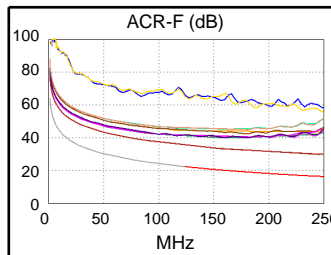


Worst Case Margin Worst Case Value

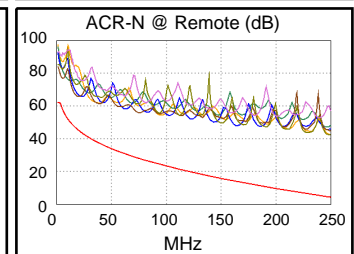
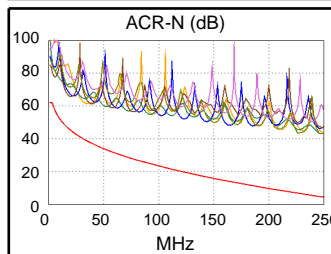
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-78	12-36
<b>NEXT (dB)</b>	9.1	8.9	9.4	8.9
Freq. (MHz)	226.0	249.5	247.0	249.5
Limit (dB)	36.1	35.4	35.4	35.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	8.6	7.5	8.6	7.5
Freq. (MHz)	249.5	249.0	249.5	249.0
Limit (dB)	32.7	32.7	32.7	32.7



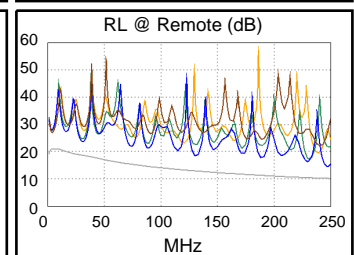
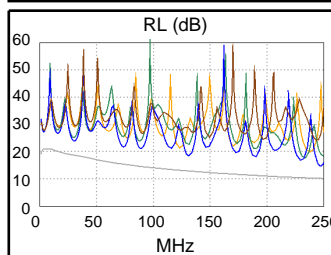
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	12.8	12.8	12.9	12.9
Freq. (MHz)	140.0	212.0	238.5	239.5
Limit (dB)	21.3	17.7	16.6	16.6
Worst Pair	45	45	36	36
<b>PS ACR-F (dB)</b>	13.9	13.9	15.5	15.6
Freq. (MHz)	1.8	2.4	239.5	239.0
Limit (dB)	56.3	53.7	13.6	13.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
<b>ACR-N (dB)</b>	18.6	17.5	38.5	38.0
Freq. (MHz)	3.6	3.3	247.0	249.5
Limit (dB)	61.4	61.8	4.5	4.3
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	19.7	18.3	37.6	36.5
Freq. (MHz)	4.1	3.9	249.5	249.0
Limit (dB)	58.0	58.5	1.7	1.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.6	4.4	4.6	4.4
Freq. (MHz)	247.0	247.0	247.0	247.0
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: 69162-4**

Date / Time: 10/06/2018 02:54:13 PM

Headroom 6.8 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

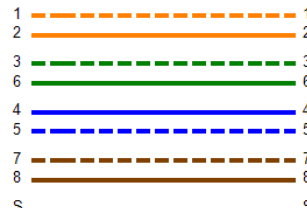
Length (ft), Limit 295	[Pair 12]	16
Prop. Delay (ns), Limit 498	[Pair 36]	26
Delay Skew (ns), Limit 44	[Pair 36]	2
Resistance (ohms)	[Pair 36]	0.9
Insertion Loss Margin (dB)	[Pair 45]	28.9
Frequency (MHz)	[Pair 45]	248.5
Limit (dB)	[Pair 45]	31.0



16 ft

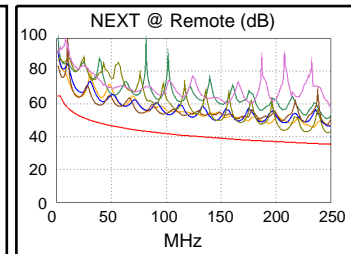
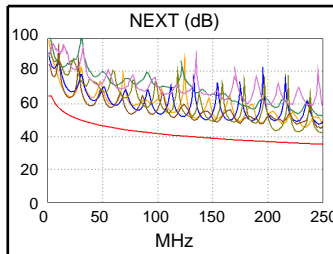


Wire Map (T568B)  
**PASS**

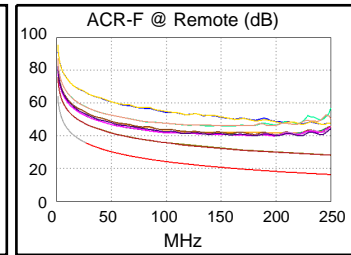
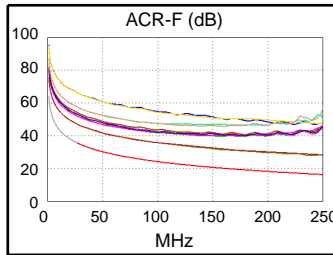


Worst Case Margin Worst Case Value

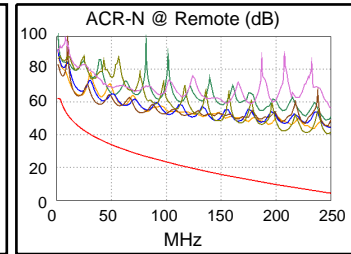
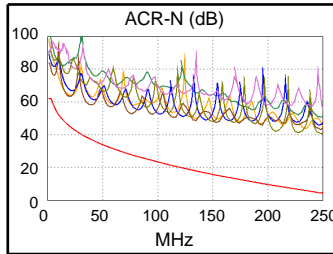
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
<b>NEXT (dB)</b>	6.8	7.0	7.1	7.1
Freq. (MHz)	207.5	226.0	248.5	247.0
Limit (dB)	36.7	36.1	35.4	35.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.4	7.5	7.4	7.6
Freq. (MHz)	248.0	226.5	248.5	247.0
Limit (dB)	32.8	33.4	32.7	32.8



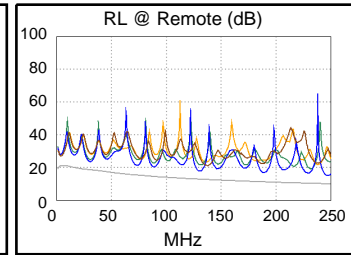
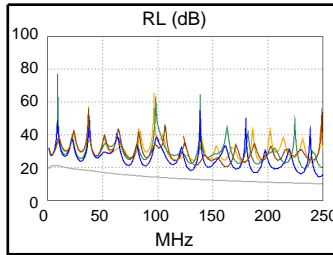
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	11.2	11.1	11.2	11.1
Freq. (MHz)	2.8	135.5	236.0	236.0
Limit (dB)	55.4	21.6	16.7	16.7
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	12.5	12.5	14.0	13.9
Freq. (MHz)	2.4	2.8	238.5	236.0
Limit (dB)	53.7	52.4	13.6	13.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
<b>ACR-N (dB)</b>	17.1	15.9	36.3	36.2
Freq. (MHz)	3.6	3.5	248.5	247.0
Limit (dB)	61.4	61.7	4.4	4.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	17.3	17.2	36.3	36.5
Freq. (MHz)	17.8	3.9	248.5	247.0
Limit (dB)	44.1	58.5	1.8	1.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.2	4.8	4.2	5.0
Freq. (MHz)	246.5	130.0	246.5	246.5
Limit (dB)	10.1	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: 69162-5**

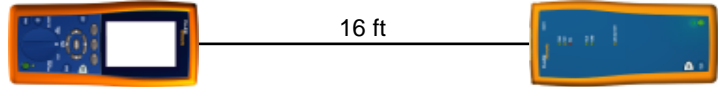
Date / Time: 10/06/2018 02:56:05 PM  
**Headroom 7.6 dB (NEXT 12-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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

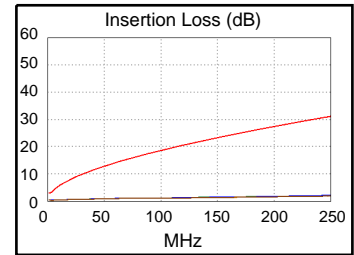
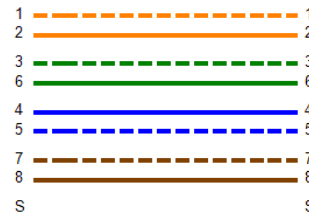
**Test Summary: PASS**

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

Length (ft), Limit 295	[Pair 12]	16
Prop. Delay (ns), Limit 498	[Pair 36]	26
Delay Skew (ns), Limit 44	[Pair 36]	2
Resistance (ohms)	[Pair 45]	1.0
Insertion Loss Margin (dB)	[Pair 45]	28.9
Frequency (MHz)	[Pair 45]	248.5
Limit (dB)	[Pair 45]	31.0

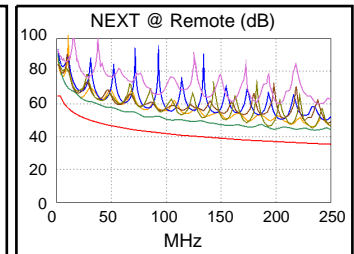
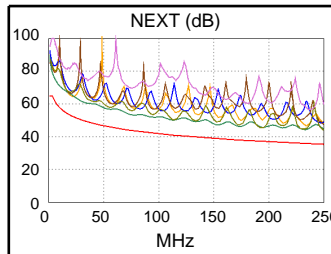


Wire Map (T568B)  
**PASS**

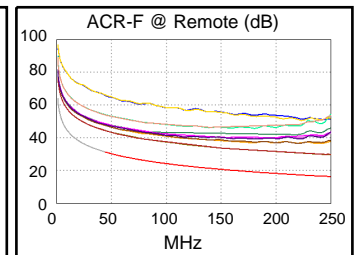
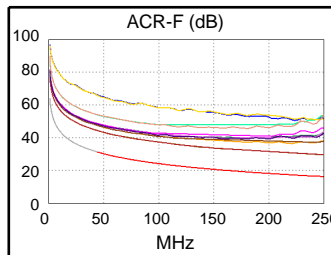


Worst Case Margin Worst Case Value

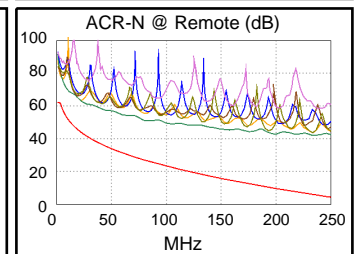
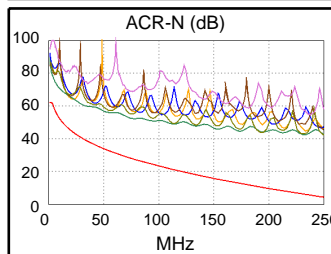
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-45	36-78	12-45
<b>NEXT (dB)</b>	8.1	7.6	8.8	8.2
Freq. (MHz)	193.0	197.5	250.0	235.5
Limit (dB)	37.2	37.0	35.3	35.8
Worst Pair	36	12	36	12
<b>PS NEXT (dB)</b>	8.6	8.6	8.7	8.6
Freq. (MHz)	233.5	231.5	250.0	231.5
Limit (dB)	33.2	33.3	32.7	33.3



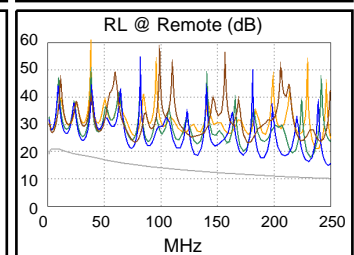
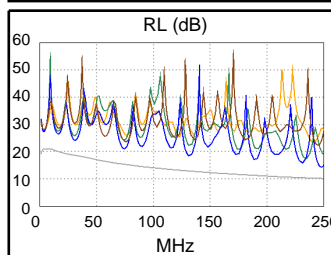
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	45-36
<b>ACR-F (dB)</b>	12.6	12.7	12.7	12.7
Freq. (MHz)	198.0	198.0	240.0	239.0
Limit (dB)	18.3	18.3	16.6	16.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	12.9	12.9	14.7	14.8
Freq. (MHz)	2.4	2.4	240.0	241.0
Limit (dB)	53.7	53.7	13.6	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-36	36-78	12-45
<b>ACR-N (dB)</b>	16.9	17.1	38.1	36.4
Freq. (MHz)	3.9	3.6	250.0	235.5
Limit (dB)	60.8	61.4	4.2	5.7
Worst Pair	12	36	36	12
<b>PS ACR-N (dB)</b>	17.0	16.2	37.8	38.5
Freq. (MHz)	3.9	3.9	250.0	250.0
Limit (dB)	58.5	58.5	1.6	1.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.2	4.9	4.2	4.9
Freq. (MHz)	247.5	247.5	247.5	247.5
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: 69162-6**

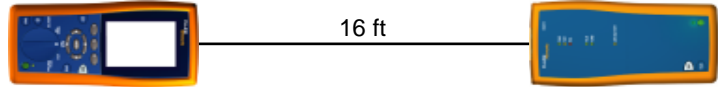
Date / Time: 10/06/2018 02:58:26 PM  
**Headroom 7.4 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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

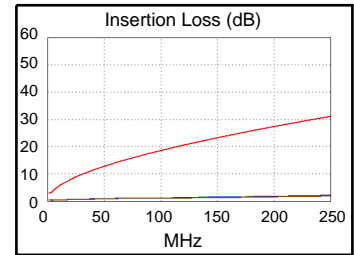
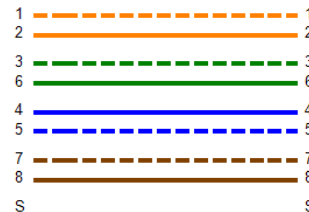
**Test Summary: PASS**

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

Length (ft), Limit 295	[Pair 12]	16
Prop. Delay (ns), Limit 498	[Pair 36]	26
Delay Skew (ns), Limit 44	[Pair 36]	2
Resistance (ohms)	[Pair 36]	0.9
Insertion Loss Margin (dB)	[Pair 45]	28.9
Frequency (MHz)	[Pair 45]	249.0
Limit (dB)	[Pair 45]	31.0

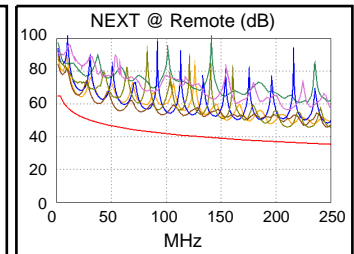
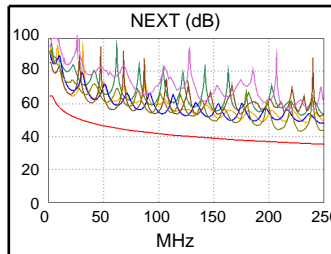


Wire Map (T568B)  
**PASS**

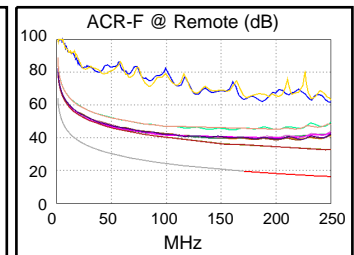
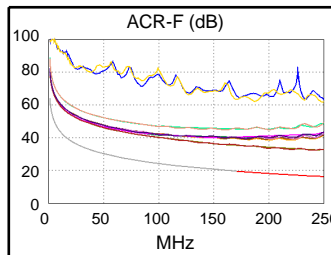


Worst Case Margin Worst Case Value

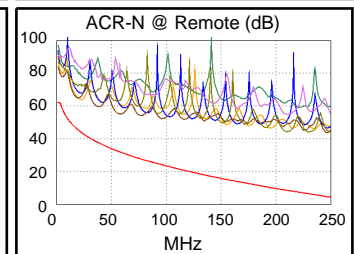
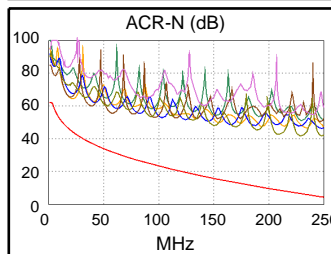
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-45
<b>NEXT (dB)</b>	7.4	9.3	7.4	10.4
Freq. (MHz)	227.5	210.0	227.5	246.0
Limit (dB)	36.0	36.6	36.0	35.5
Worst Pair	78	36	36	36
<b>PS NEXT (dB)</b>	9.0	9.5	9.7	9.6
Freq. (MHz)	227.5	226.5	249.0	247.5
Limit (dB)	33.4	33.4	32.7	32.8



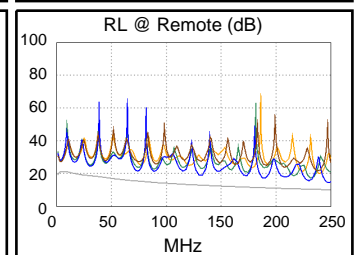
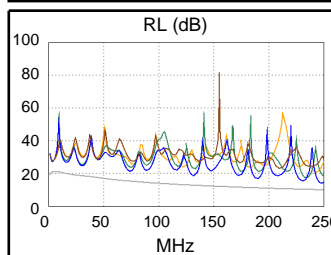
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	15.3	15.3	15.6	15.5
Freq. (MHz)	197.5	200.0	242.0	240.0
Limit (dB)	18.3	18.2	16.5	16.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	14.7	14.6	17.4	17.3
Freq. (MHz)	2.0	2.4	238.0	240.5
Limit (dB)	55.2	53.7	13.7	13.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
<b>ACR-N (dB)</b>	19.2	17.7	35.1	39.2
Freq. (MHz)	3.5	3.6	227.5	246.0
Limit (dB)	61.7	61.4	6.6	4.6
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	18.6	17.5	38.7	38.5
Freq. (MHz)	17.1	3.9	249.0	247.5
Limit (dB)	44.5	58.5	1.7	1.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.0	4.3	4.0	4.3
Freq. (MHz)	247.5	247.5	247.5	247.5
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