



Cable ID: 69164-1

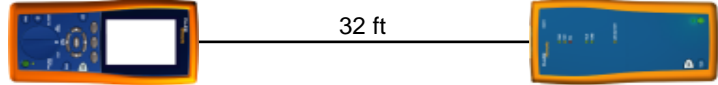
Date / Time: 10/06/2018 03:01:44 PM
Headroom 8.4 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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

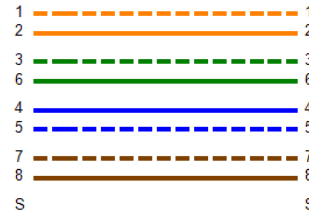
Test Summary: PASS

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]	32
Prop. Delay (ns), Limit 498	[Pair 45]	52
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)	[Pair 78]	2.9
Insertion Loss Margin (dB)	[Pair 45]	27.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

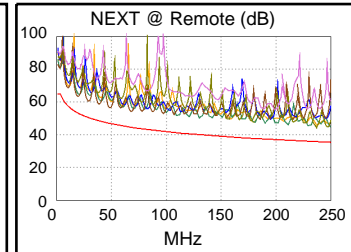
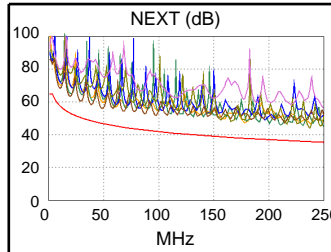


Wire Map (T568B)
PASS

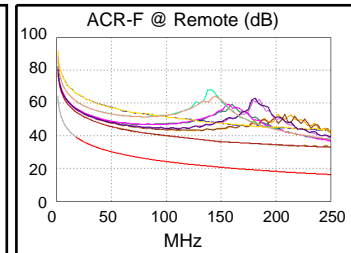
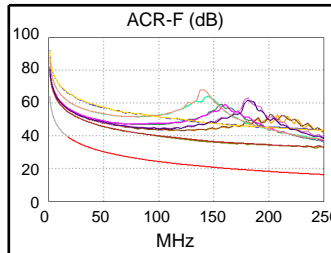


Worst Case Margin Worst Case Value

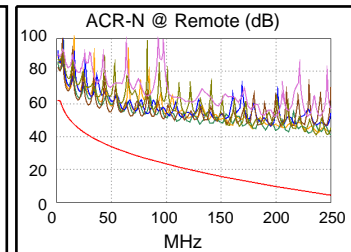
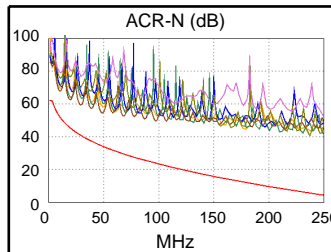
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	8.4	8.6	8.4	8.6
Freq. (MHz)	237.0	236.5	237.0	236.5
Limit (dB)	35.7	35.7	35.7	35.7
Worst Pair	36	36	36	36
PS NEXT (dB)	8.8	8.5	8.8	8.5
Freq. (MHz)	237.0	237.0	237.0	237.0
Limit (dB)	33.1	33.1	33.1	33.1



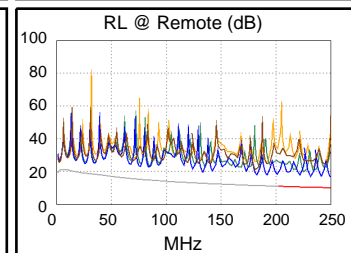
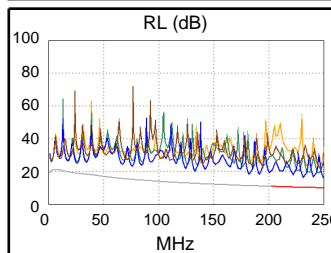
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	15.1	15.1	15.8	15.8
Freq. (MHz)	7.9	4.8	242.0	242.0
Limit (dB)	46.3	50.7	16.5	16.5
Worst Pair	36	36	45	45
PS ACR-F (dB)	14.2	14.2	16.8	17.4
Freq. (MHz)	2.4	3.3	242.0	249.5
Limit (dB)	53.7	51.0	13.5	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	15.5	15.8	35.3	35.5
Freq. (MHz)	9.5	9.6	237.0	236.5
Limit (dB)	52.8	52.7	5.6	5.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	15.4	15.6	35.6	35.3
Freq. (MHz)	9.5	9.4	237.0	237.0
Limit (dB)	50.4	50.6	2.9	2.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.1	6.5	6.2	6.6
Freq. (MHz)	231.5	231.5	250.0	250.0
Limit (dB)	10.4	10.4	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: 69164-2

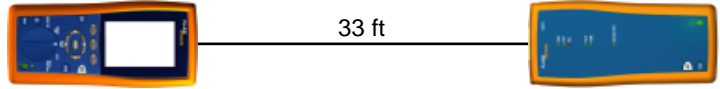
Date / Time: 10/06/2018 03:05:37 PM
Headroom 6.4 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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

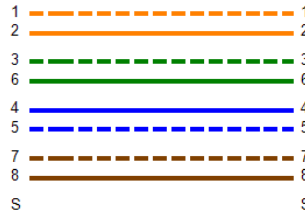
Test Summary: PASS

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

Length (ft), Limit 295	[Pair 12]	33
Prop. Delay (ns), Limit 498	[Pair 45]	52
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)	[Pair 45]	1.8
Insertion Loss Margin (dB)	[Pair 36]	27.5
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1

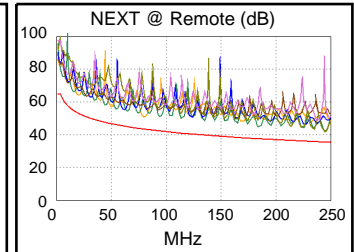
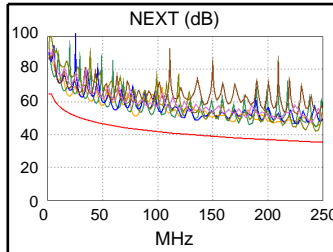


Wire Map (T568B)
PASS

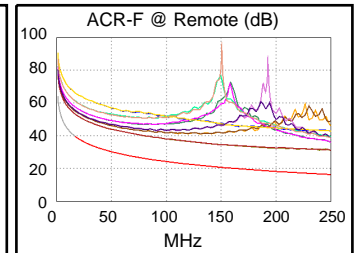
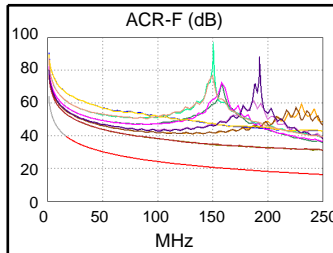


Worst Case Margin Worst Case Value

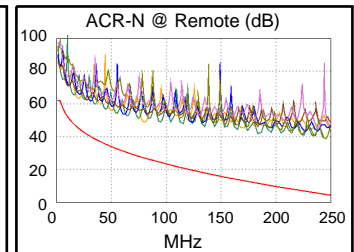
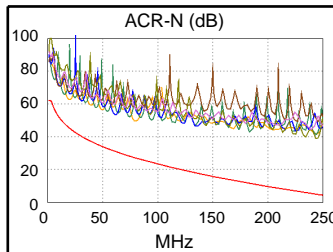
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	6.5	6.4	6.5	6.4
Freq. (MHz)	244.0	244.5	244.0	244.5
Limit (dB)	35.5	35.5	35.5	35.5
Worst Pair	36	12	36	78
PS NEXT (dB)	7.2	7.7	7.2	8.3
Freq. (MHz)	244.0	184.5	244.0	245.0
Limit (dB)	32.9	34.9	32.9	32.9



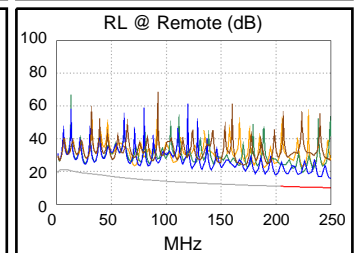
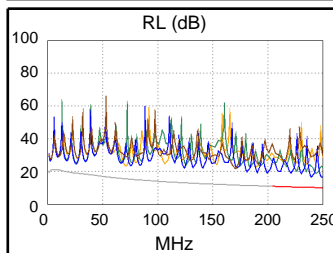
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	13.4	13.5	14.5	14.9
Freq. (MHz)	4.6	3.8	240.5	249.5
Limit (dB)	50.9	52.7	16.6	16.2
Worst Pair	36	36	45	45
PS ACR-F (dB)	12.9	12.9	16.1	16.3
Freq. (MHz)	2.0	2.0	250.0	250.0
Limit (dB)	55.2	55.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	36-78	36-78
ACR-N (dB)	17.2	17.3	33.9	33.8
Freq. (MHz)	18.4	4.1	244.0	244.5
Limit (dB)	46.1	60.3	4.8	4.8
Worst Pair	12	12	36	36
PS ACR-N (dB)	17.8	17.4	34.3	35.6
Freq. (MHz)	17.8	3.9	244.0	244.5
Limit (dB)	44.1	58.5	2.2	2.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.1	5.9	6.1	6.0
Freq. (MHz)	240.0	240.0	240.0	249.0
Limit (dB)	10.2	10.2	10.2	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: 69164-3

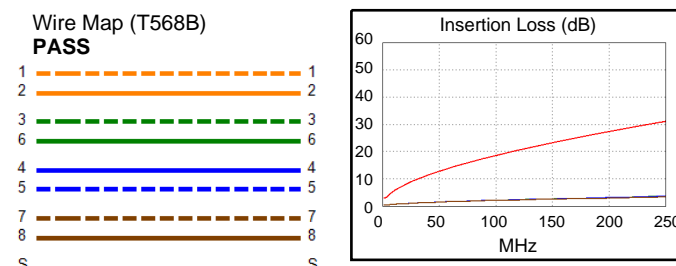
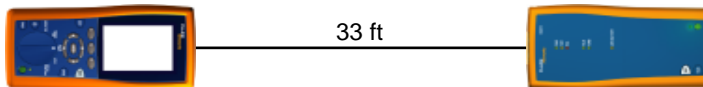
Date / Time: 10/06/2018 03:08:08 PM
Headroom 8.4 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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

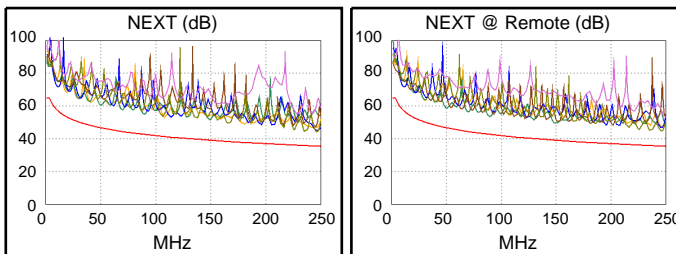
Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	33
Prop. Delay (ns), Limit 498	[Pair 45]	52
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)	[Pair 45]	1.8
Insertion Loss Margin (dB)	[Pair 36]	27.1
Frequency (MHz)	[Pair 36]	244.5
Limit (dB)	[Pair 36]	30.7

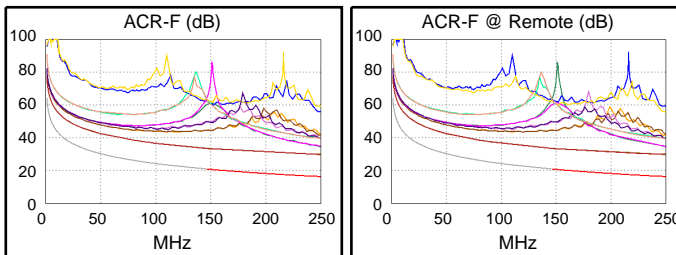


Worst Case Margin Worst Case Value

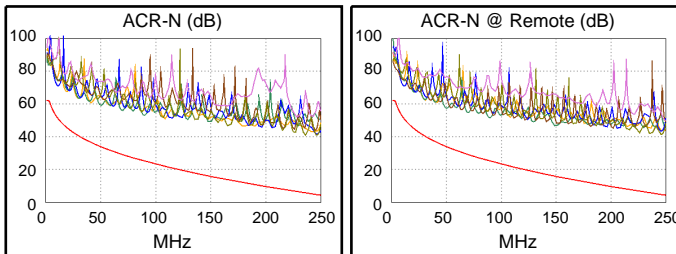
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	8.4	8.9	8.4	8.9
Freq. (MHz)	235.5	236.0	236.0	236.0
Limit (dB)	35.8	35.7	35.7	35.7
Worst Pair	36	36	36	78
PS NEXT (dB)	8.6	9.7	8.6	9.7
Freq. (MHz)	245.0	235.0	245.5	246.0
Limit (dB)	32.9	33.2	32.8	32.8



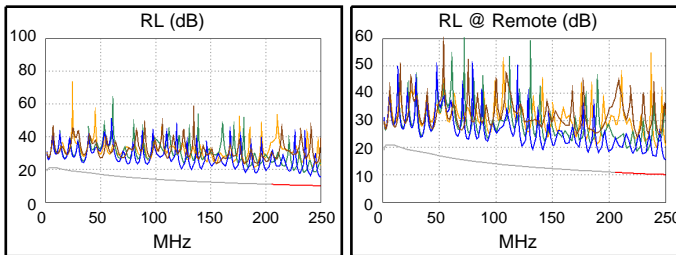
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	12.1	12.1	13.5	13.3
Freq. (MHz)	3.3	7.9	250.0	247.5
Limit (dB)	54.0	46.3	16.2	16.3
Worst Pair	36	36	45	45
PS ACR-F (dB)	13.0	13.0	14.9	15.0
Freq. (MHz)	2.0	1.6	250.0	247.5
Limit (dB)	55.2	57.0	13.2	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-78	36-78
ACR-N (dB)	19.6	19.5	35.2	35.7
Freq. (MHz)	10.1	10.0	236.0	236.0
Limit (dB)	52.2	52.3	5.7	5.7
Worst Pair	12	12	36	78
PS ACR-N (dB)	19.2	19.2	35.8	37.2
Freq. (MHz)	9.0	9.8	245.5	246.0
Limit (dB)	51.0	50.2	2.1	2.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	5.6	5.6	5.6	5.6
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: 69164-4

Date / Time: 10/06/2018 03:09:21 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

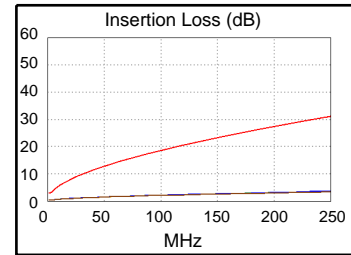
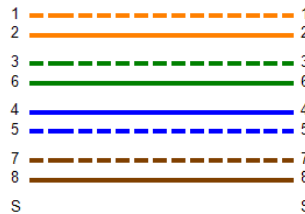
Length (ft), Limit 295	[Pair 12]	33
Prop. Delay (ns), Limit 498	[Pair 45]	52
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)	[Pair 45]	1.7
Insertion Loss Margin (dB)	[Pair 36]	27.5
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



33 ft

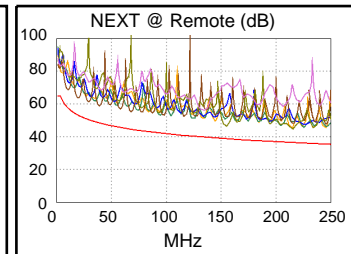
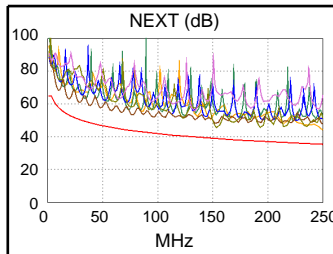


Wire Map (T568B)
PASS

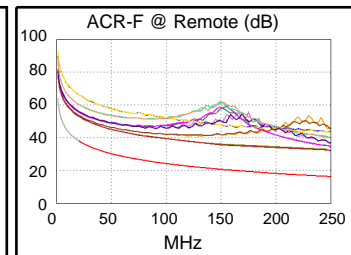
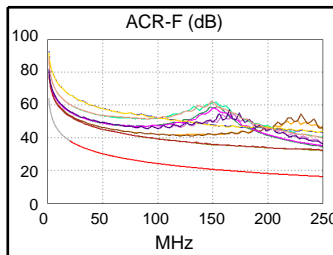


Worst Case Margin Worst Case Value

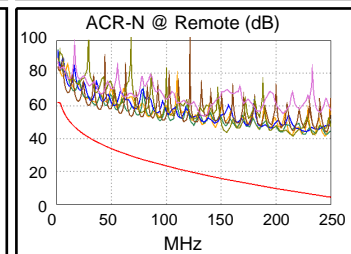
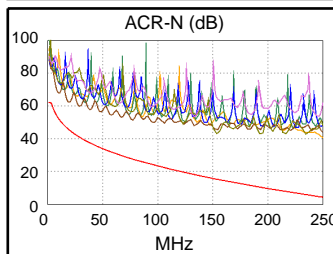
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	36-78
NEXT (dB)	6.8	7.4	9.0	8.3
Freq. (MHz)	153.5	154.5	249.5	215.0
Limit (dB)	38.8	38.8	35.4	36.4
Worst Pair	36	36	36	36
PS NEXT (dB)	7.1	7.3	9.5	7.3
Freq. (MHz)	153.0	214.5	250.0	214.5
Limit (dB)	36.3	33.8	32.7	33.8



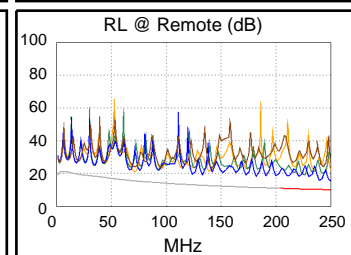
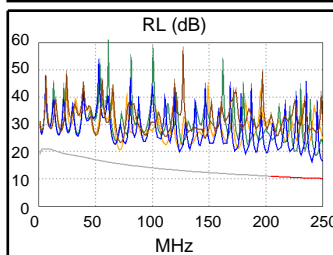
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	14.7	14.7	15.7	15.8
Freq. (MHz)	7.9	8.3	249.0	249.5
Limit (dB)	46.3	45.9	16.3	16.2
Worst Pair	36	36	45	45
PS ACR-F (dB)	14.0	13.9	16.4	16.8
Freq. (MHz)	2.0	2.4	249.5	249.5
Limit (dB)	55.2	53.7	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
ACR-N (dB)	15.3	15.8	36.5	36.8
Freq. (MHz)	9.1	9.1	249.5	244.5
Limit (dB)	53.2	53.2	4.3	4.8
Worst Pair	36	45	36	36
PS ACR-N (dB)	16.8	17.4	37.0	32.6
Freq. (MHz)	8.9	9.1	250.0	214.5
Limit (dB)	51.1	50.8	1.6	5.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.0	5.5	6.0	5.5
Freq. (MHz)	240.5	240.0	240.5	240.0
Limit (dB)	10.2	10.2	10.2	10.2



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: 69164-5

Date / Time: 10/06/2018 03:09:53 PM
Headroom 8.4 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

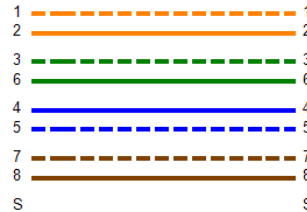
Length (ft), Limit 295	[Pair 12]	33
Prop. Delay (ns), Limit 498	[Pair 45]	52
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)	[Pair 45]	1.7
Insertion Loss Margin (dB)	[Pair 36]	27.2
Frequency (MHz)	[Pair 36]	245.5
Limit (dB)	[Pair 36]	30.8



33 ft

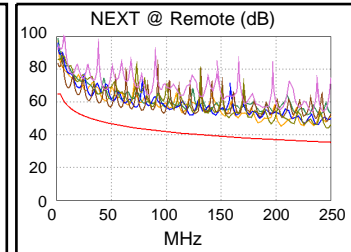
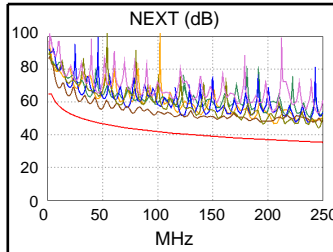


Wire Map (T568B)
PASS

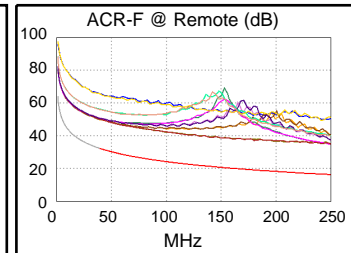
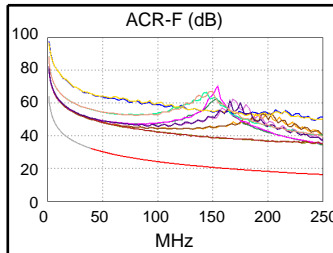


Worst Case Margin Worst Case Value

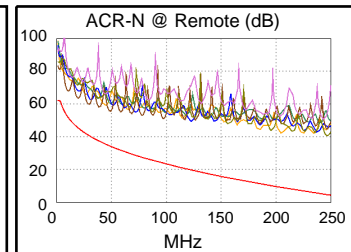
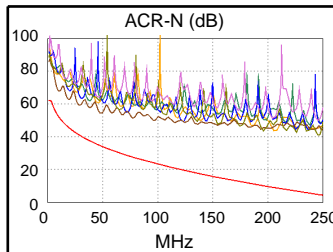
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	36-78	36-78
NEXT (dB)	8.7	8.4	8.8	8.7
Freq. (MHz)	48.0	205.0	246.0	246.5
Limit (dB)	47.0	36.8	35.5	35.4
Worst Pair	36	36	36	36
PS NEXT (dB)	9.4	8.8	9.4	8.8
Freq. (MHz)	245.0	225.5	245.5	246.0
Limit (dB)	32.9	33.5	32.8	32.8



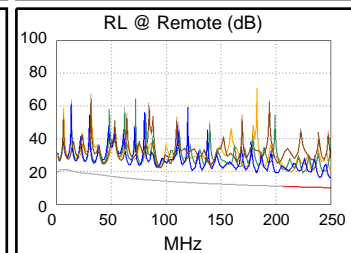
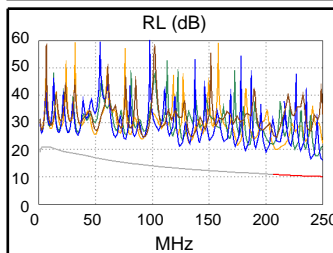
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	45-12
ACR-F (dB)	17.1	17.1	18.2	18.4
Freq. (MHz)	7.8	5.5	248.5	249.0
Limit (dB)	46.4	49.4	16.3	16.3
Worst Pair	36	36	45	45
PS ACR-F (dB)	15.7	15.8	17.8	18.3
Freq. (MHz)	2.4	1.5	250.0	249.5
Limit (dB)	53.7	57.7	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	15.5	15.8	36.4	36.2
Freq. (MHz)	9.6	9.6	246.0	246.5
Limit (dB)	52.7	52.7	4.6	4.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	17.1	17.5	36.5	36.1
Freq. (MHz)	8.9	9.3	245.5	246.0
Limit (dB)	51.1	50.7	2.1	2.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.0	6.1	6.0	6.2
Freq. (MHz)	240.5	240.0	240.5	249.5
Limit (dB)	10.2	10.2	10.2	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: 69164-6

Date / Time: 10/06/2018 03:11:02 PM

Headroom 6.8 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

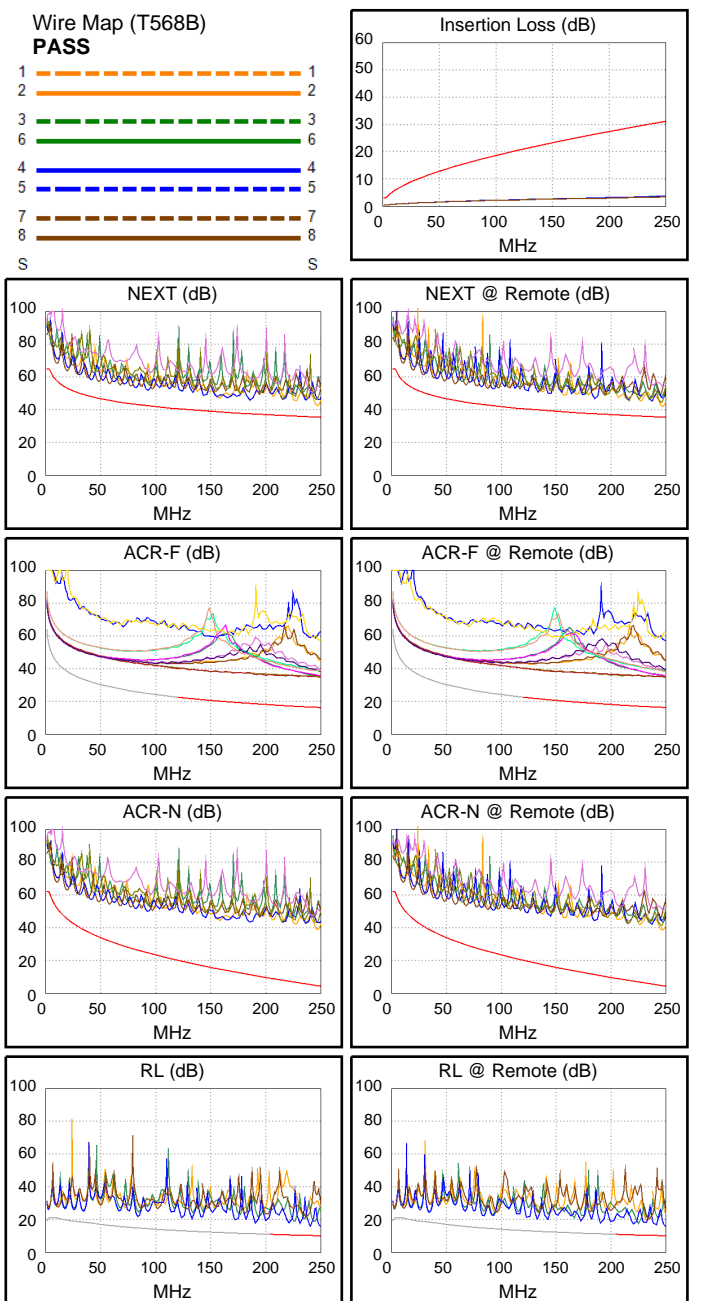
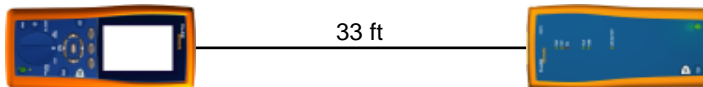
Main S/N: 3178039

Remote S/N: 3178046

Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	33
Prop. Delay (ns), Limit 498	[Pair 45]	52
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)	[Pair 45]	1.7
Insertion Loss Margin (dB)	[Pair 36]	27.2
Frequency (MHz)	[Pair 36]	245.5
Limit (dB)	[Pair 36]	30.8



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	7.1	6.8	7.1	6.8
Freq. (MHz)	246.5	246.5	246.5	246.5
Limit (dB)	35.4	35.4	35.4	35.4
Worst Pair	36	36	36	36
PS NEXT (dB)	8.0	7.2	8.0	7.2
Freq. (MHz)	246.0	245.5	246.0	245.5
Limit (dB)	32.8	32.8	32.8	32.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	45-36
ACR-F (dB)	16.1	16.1	18.2	18.1
Freq. (MHz)	5.3	5.3	241.0	242.5
Limit (dB)	49.8	49.8	16.5	16.5
Worst Pair	36	36	45	45
PS ACR-F (dB)	14.8	14.7	17.9	18.1
Freq. (MHz)	2.5	2.0	250.0	248.5
Limit (dB)	53.2	55.2	13.2	13.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
ACR-N (dB)	15.3	15.6	34.4	34.1
Freq. (MHz)	9.1	9.4	246.5	246.5
Limit (dB)	53.2	52.9	4.6	4.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	15.7	16.1	35.3	34.3
Freq. (MHz)	9.4	9.8	246.0	245.5
Limit (dB)	50.6	50.2	2.0	2.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	5.8	6.0	5.9	6.0
Freq. (MHz)	240.5	240.5	249.5	249.5
Limit (dB)	10.2	10.2	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