



Cable ID: 69065-1

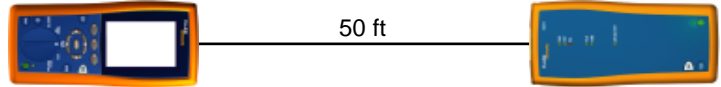
Date / Time: 10/06/2018 04:29:07 PM
Headroom 18.6 dB (NEXT 36-78)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

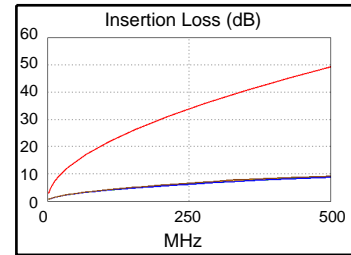
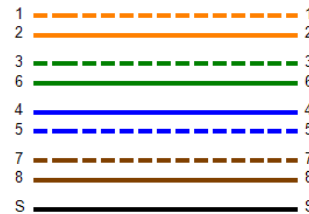
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 45]	50
Prop. Delay (ns), Limit 555	[Pair 12]	68
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	4.1
Insertion Loss Margin (dB)	[Pair 78]	40.1
Frequency (MHz)	[Pair 78]	500.0
Limit (dB)	[Pair 78]	49.3

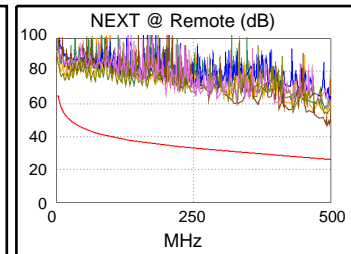
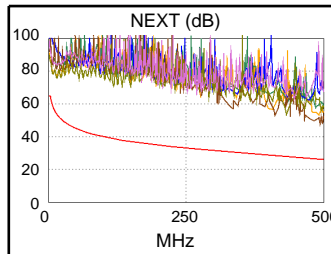


Wire Map (T568B)
PASS

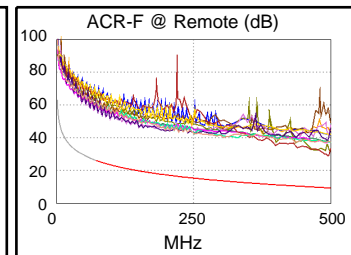
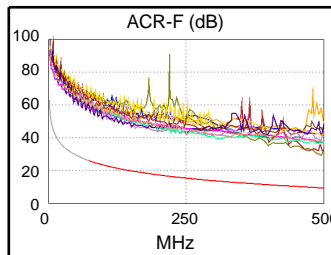


Worst Case Margin Worst Case Value

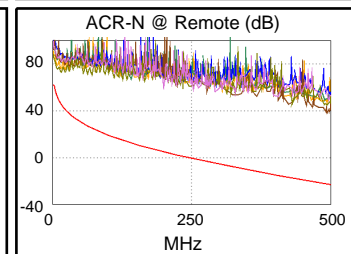
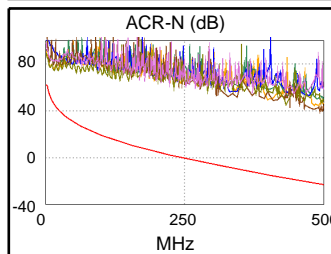
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
NEXT (dB)	19.5	18.6	20.1	20.4
Freq. (MHz)	7.3	7.4	488.0	493.0
Limit (dB)	58.9	58.7	26.4	26.3
Worst Pair	36	36	36	36
PS NEXT (dB)	18.9	19.0	22.1	22.2
Freq. (MHz)	6.9	7.4	488.0	493.0
Limit (dB)	56.7	56.2	23.5	23.4



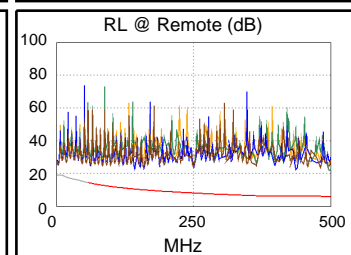
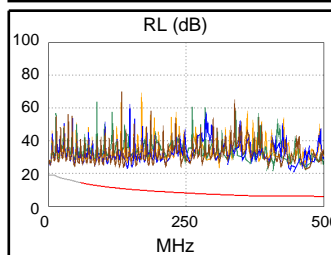
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	19.8	19.6	19.8	19.6
Freq. (MHz)	494.0	494.0	494.0	494.0
Limit (dB)	9.4	9.4	9.4	9.4
Worst Pair	45	36	45	36
PS ACR-F (dB)	21.7	22.2	21.7	22.2
Freq. (MHz)	494.0	494.0	494.0	494.0
Limit (dB)	6.4	6.4	6.4	6.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	23.9	22.5	60.2	60.7
Freq. (MHz)	3.0	2.5	488.0	493.0
Limit (dB)	61.4	61.7	-22.3	-22.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	23.3	23.4	62.0	62.2
Freq. (MHz)	6.6	6.6	488.0	493.0
Limit (dB)	51.7	51.7	-25.1	-25.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	36
RL (dB)	11.6	10.8	14.8	15.9
Freq. (MHz)	61.8	61.5	445.0	497.0
Limit (dB)	14.1	14.1	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: 69065-2

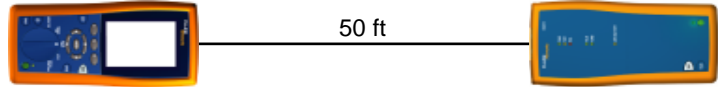
Date / Time: 10/06/2018 04:33:12 PM
Headroom 20.5 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

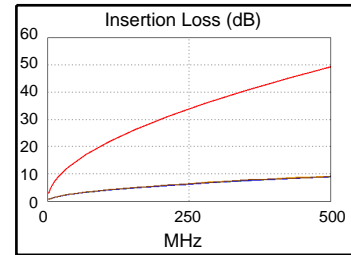
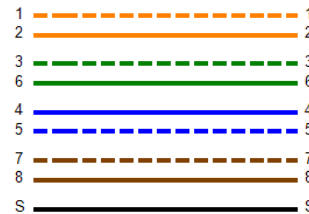
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 45]	50
Prop. Delay (ns), Limit 555	[Pair 12]	68
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	4.0
Insertion Loss Margin (dB)	[Pair 78]	40.2
Frequency (MHz)	[Pair 78]	500.0
Limit (dB)	[Pair 78]	49.3

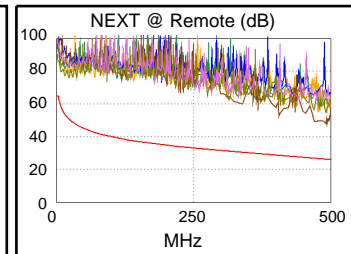
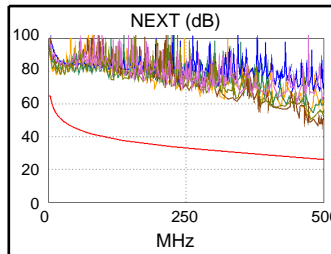


Wire Map (T568B)
PASS

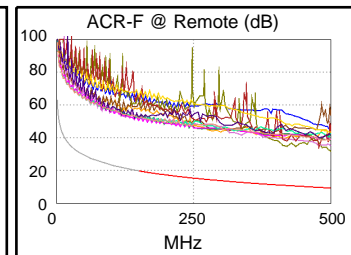
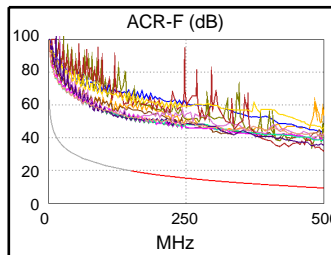


Worst Case Margin Worst Case Value

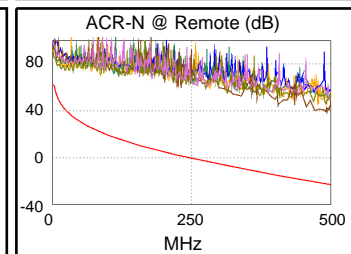
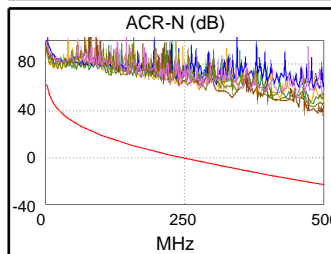
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-45
NEXT (dB)	20.5	20.7	20.5	21.5
Freq. (MHz)	489.0	2.6	489.0	480.0
Limit (dB)	26.4	65.0	26.4	26.6
Worst Pair	36	36	36	36
PS NEXT (dB)	20.9	21.8	22.6	23.7
Freq. (MHz)	6.9	7.4	489.0	491.0
Limit (dB)	56.7	56.2	23.5	23.4



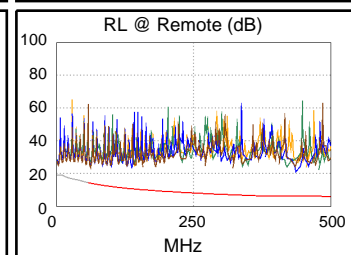
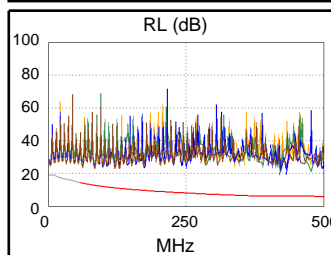
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	22.2	22.2	22.2	22.2
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	36	45	36	45
PS ACR-F (dB)	23.8	23.8	23.8	23.8
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	6.3	6.3	6.3	6.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-45
ACR-N (dB)	25.5	23.4	60.4	61.8
Freq. (MHz)	6.3	2.6	489.0	491.0
Limit (dB)	54.8	61.6	-22.3	-22.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	25.2	25.3	62.5	63.7
Freq. (MHz)	6.3	2.5	489.0	491.0
Limit (dB)	52.2	58.7	-25.2	-25.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	45
RL (dB)	9.9	9.4	15.4	15.1
Freq. (MHz)	61.5	61.5	477.0	436.0
Limit (dB)	14.1	14.1	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: 69065-3

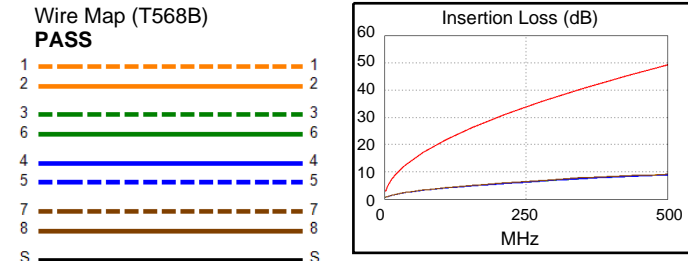
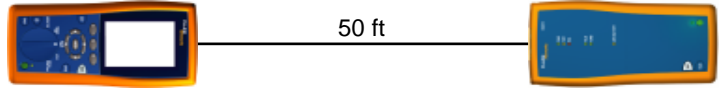
Date / Time: 10/06/2018 04:34:02 PM
Headroom 19.2 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

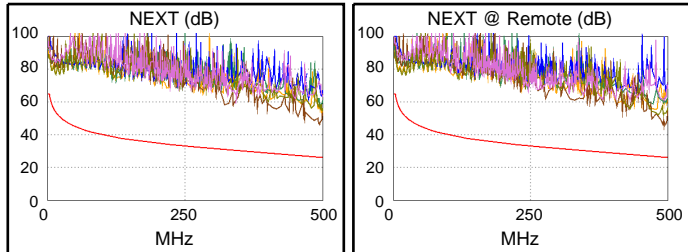
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

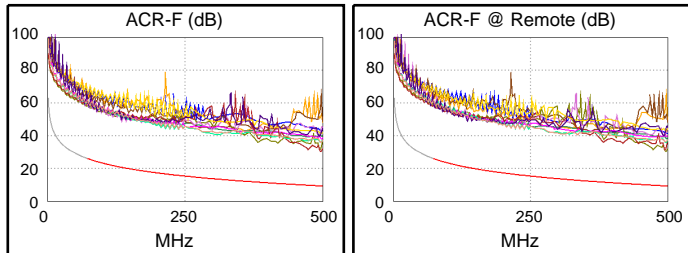
Length (ft), Limit 328	[Pair 45]	50
Prop. Delay (ns), Limit 555	[Pair 12]	68
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	4.0
Insertion Loss Margin (dB)	[Pair 78]	40.2
Frequency (MHz)	[Pair 78]	500.0
Limit (dB)	[Pair 78]	49.3



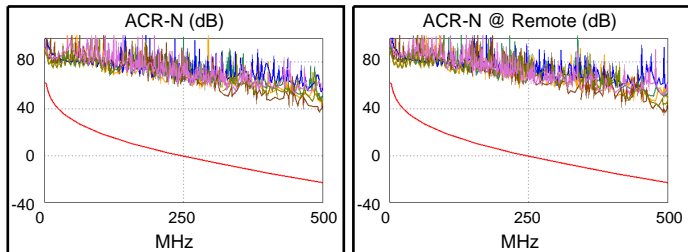
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	20.0	19.2	20.0	19.2
Freq. (MHz)	473.0	493.0	494.0	493.0
Limit (dB)	26.8	26.3	26.2	26.3
Worst Pair	36	36	36	36
PS NEXT (dB)	19.5	20.0	22.2	21.3
Freq. (MHz)	7.0	6.5	494.0	493.0
Limit (dB)	56.6	57.1	23.4	23.4



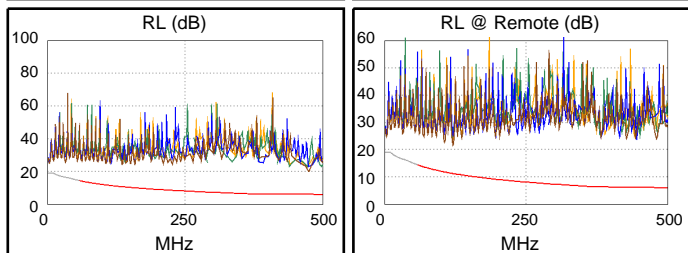
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	21.0	21.1	21.0	21.1
Freq. (MHz)	496.0	496.0	496.0	496.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	45	45	45
PS ACR-F (dB)	23.5	22.5	23.5	22.5
Freq. (MHz)	495.0	496.0	495.0	496.0
Limit (dB)	6.4	6.3	6.4	6.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	24.3	24.1	60.1	59.4
Freq. (MHz)	3.0	2.4	494.0	493.0
Limit (dB)	61.4	61.7	-22.7	-22.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	24.0	24.2	62.3	61.4
Freq. (MHz)	6.3	6.6	494.0	493.0
Limit (dB)	52.2	51.7	-25.6	-25.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	11.7	10.5	14.1	10.5
Freq. (MHz)	61.5	120.5	474.0	120.5
Limit (dB)	14.1	11.2	6.0	11.2



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: 69065-4

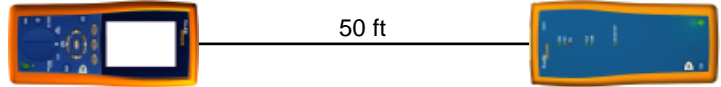
Date / Time: 10/06/2018 04:36:28 PM
Headroom 10.1 dB (NEXT 12-36)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

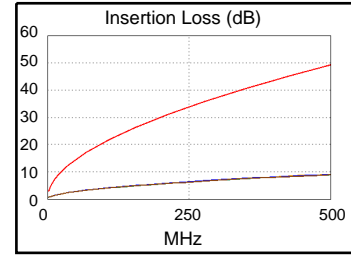
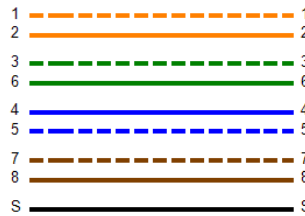
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 45]	50
Prop. Delay (ns), Limit 555	[Pair 12]	68
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 45]	4.1
Insertion Loss Margin (dB)	[Pair 45]	40.3
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

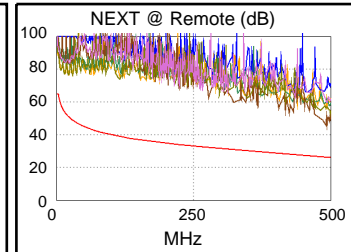
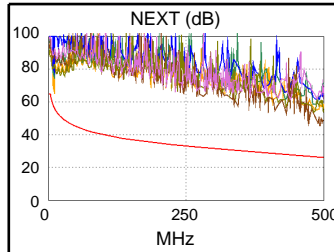


Wire Map (T568B)
PASS

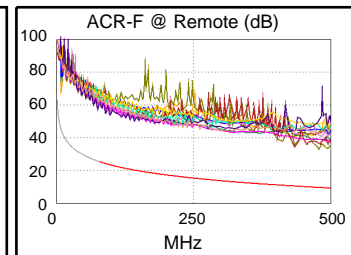
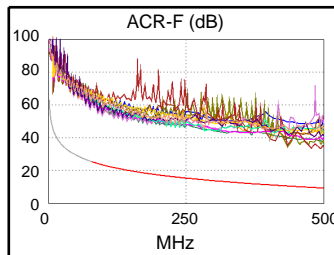


Worst Case Margin Worst Case Value

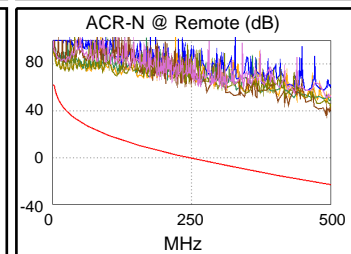
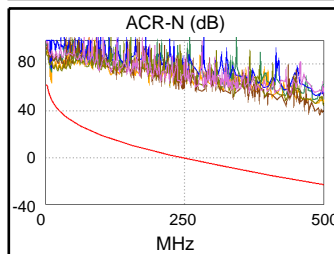
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	10.1	19.5	19.3	19.5
Freq. (MHz)	9.8	491.0	492.0	491.0
Limit (dB)	56.8	26.3	26.3	26.3
Worst Pair	12	36	36	36
PS NEXT (dB)	12.0	20.2	21.7	21.7
Freq. (MHz)	9.6	6.9	492.0	491.0
Limit (dB)	54.3	56.7	23.4	23.4



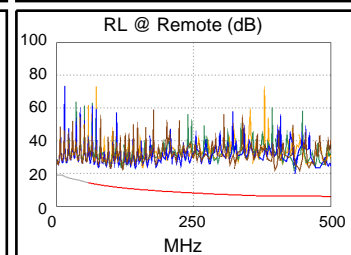
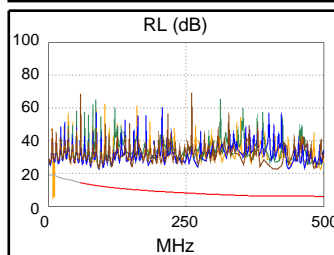
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	45-36	36-45
ACR-F (dB)	22.8	22.8	22.9	23.0
Freq. (MHz)	8.0	8.0	479.0	479.0
Limit (dB)	45.2	45.2	9.7	9.7
Worst Pair	36	45	36	45
PS ACR-F (dB)	24.8	24.9	24.8	24.9
Freq. (MHz)	479.0	479.0	479.0	479.0
Limit (dB)	6.7	6.7	6.7	6.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-45
ACR-N (dB)	15.3	24.8	59.3	59.4
Freq. (MHz)	9.6	6.4	492.0	491.0
Limit (dB)	50.5	54.6	-22.6	-22.5
Worst Pair	12	36	36	36
PS ACR-N (dB)	17.2	24.6	61.8	61.7
Freq. (MHz)	9.6	6.6	492.0	491.0
Limit (dB)	47.9	51.7	-25.5	-25.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	12	78
RL (dB)	10.2	10.3	15.7	15.0
Freq. (MHz)	91.0	76.3	487.0	399.0
Limit (dB)	12.4	13.2	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: 69065-5

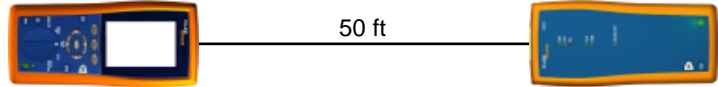
Date / Time: 10/06/2018 04:38:27 PM
Headroom 19.4 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

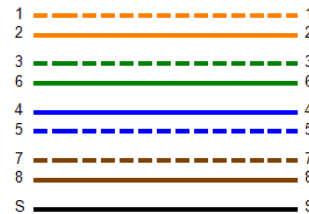
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 45]	50
Prop. Delay (ns), Limit 555	[Pair 12]	68
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 36]	4.1
Insertion Loss Margin (dB)	[Pair 45]	40.3
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

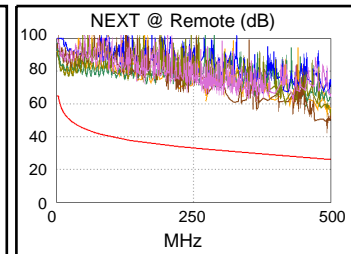
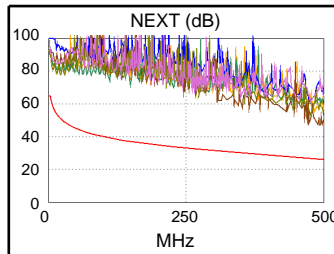


Wire Map (T568B)
PASS

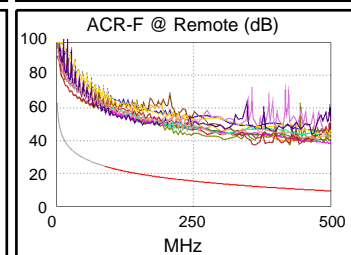
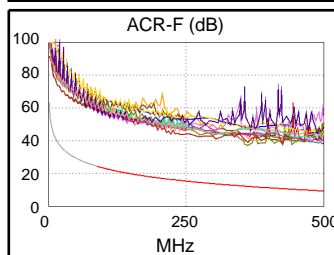


Worst Case Margin Worst Case Value

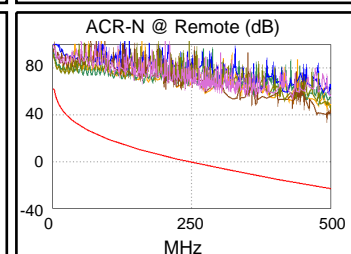
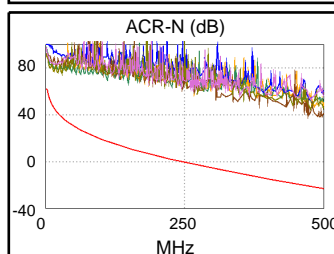
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	20.8	19.4	20.8	19.4
Freq. (MHz)	493.0	493.0	493.0	493.0
Limit (dB)	26.3	26.3	26.3	26.3
Worst Pair	36	36	36	36
PS NEXT (dB)	21.4	21.1	23.3	21.5
Freq. (MHz)	7.3	7.0	492.0	493.0
Limit (dB)	56.3	56.6	23.4	23.4



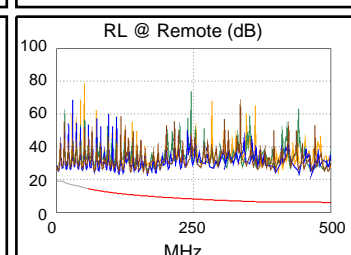
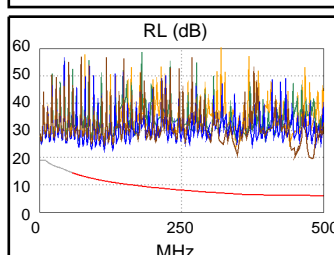
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	23.4	23.6	23.4	23.6
Freq. (MHz)	364.0	364.0	364.0	364.0
Limit (dB)	12.0	12.0	12.0	12.0
Worst Pair	45	36	45	36
PS ACR-F (dB)	25.4	25.3	25.4	25.3
Freq. (MHz)	365.0	365.0	365.0	365.0
Limit (dB)	9.0	9.0	9.0	9.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-45
ACR-N (dB)	26.4	26.0	60.9	59.5
Freq. (MHz)	6.3	6.1	493.0	493.0
Limit (dB)	54.8	55.0	-22.7	-22.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	25.7	25.5	63.4	61.6
Freq. (MHz)	6.3	6.8	492.0	493.0
Limit (dB)	52.2	51.5	-25.5	-25.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	78	45
RL (dB)	10.3	10.7	13.6	13.1
Freq. (MHz)	68.8	69.3	480.0	165.5
Limit (dB)	13.6	13.6	6.0	9.8



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: 69065-6

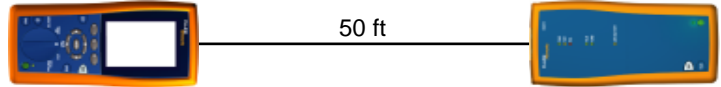
Date / Time: 10/06/2018 04:39:09 PM
Headroom 18.9 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

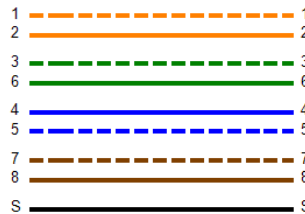
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 45]	50
Prop. Delay (ns), Limit 555	[Pair 12]	68
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 45]	4.1
Insertion Loss Margin (dB)	[Pair 45]	40.3
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

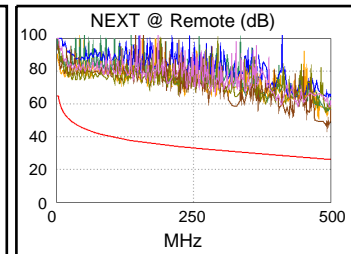
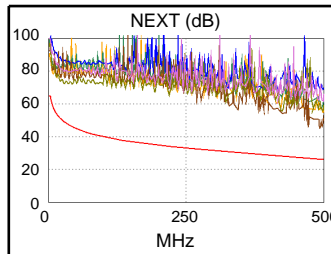


Wire Map (T568B)
PASS

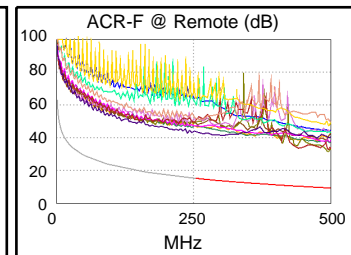
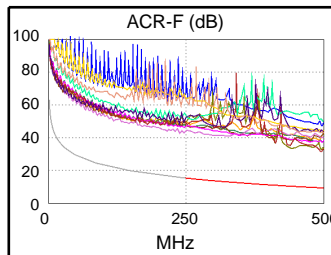


Worst Case Margin Worst Case Value

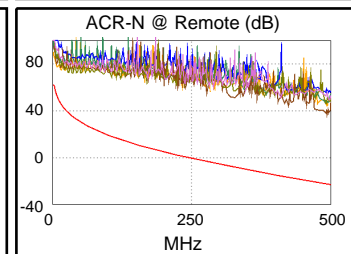
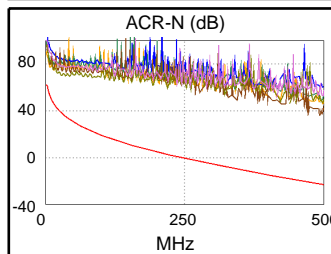
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	18.9	19.0	18.9	19.0
Freq. (MHz)	492.0	493.0	492.0	493.0
Limit (dB)	26.3	26.3	26.3	26.3
Worst Pair	36	36	36	36
PS NEXT (dB)	19.2	20.3	21.4	21.0
Freq. (MHz)	6.5	6.9	492.0	493.0
Limit (dB)	57.1	56.7	23.4	23.4



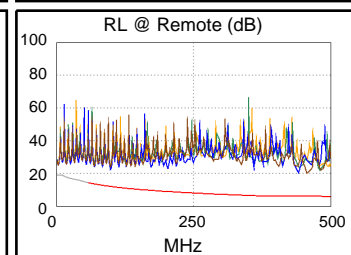
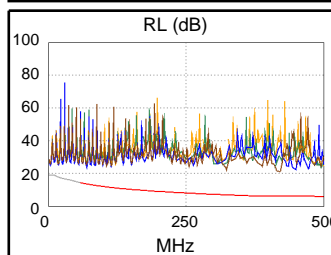
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	22.1	22.1	22.1	22.1
Freq. (MHz)	495.0	495.0	495.0	495.0
Limit (dB)	9.4	9.4	9.4	9.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	24.4	24.2	24.4	24.2
Freq. (MHz)	494.0	442.0	494.0	495.0
Limit (dB)	6.4	7.3	6.4	6.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	24.3	24.1	58.9	59.1
Freq. (MHz)	6.1	2.5	492.0	493.0
Limit (dB)	55.0	61.7	-22.6	-22.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	23.5	24.6	61.5	61.1
Freq. (MHz)	6.3	6.6	492.0	493.0
Limit (dB)	52.2	51.7	-25.5	-25.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	78	78
RL (dB)	10.0	10.2	15.1	14.2
Freq. (MHz)	69.0	98.3	420.0	456.0
Limit (dB)	13.6	12.1	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