



Cable ID: 69061-1

Date / Time: 10/06/2018 03:53:03 PM

Headroom 14.4 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

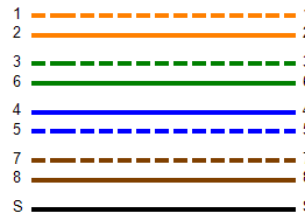
Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	13
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.8
Insertion Loss Margin (dB)	[Pair 36]	47.4
Frequency (MHz)	[Pair 36]	499.0
Limit (dB)	[Pair 36]	49.3



10 ft

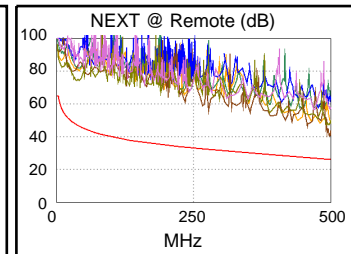
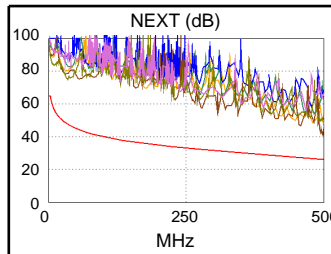


Wire Map (T568B)
PASS

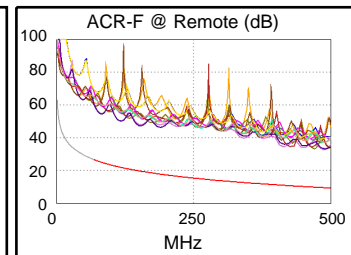
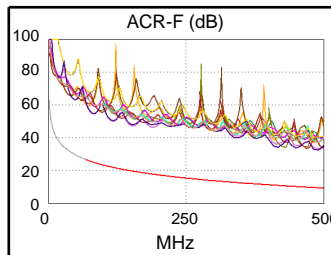


Worst Case Margin Worst Case Value

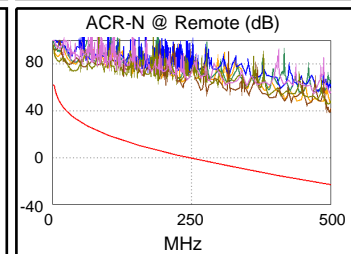
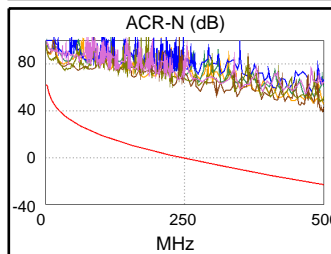
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	15.0	14.4	15.0	14.4
Freq. (MHz)	498.0	497.0	498.0	497.0
Limit (dB)	26.1	26.2	26.1	26.2
Worst Pair	36	36	36	36
PS NEXT (dB)	16.8	16.2	16.8	16.2
Freq. (MHz)	498.0	497.0	498.0	497.0
Limit (dB)	23.3	23.3	23.3	23.3



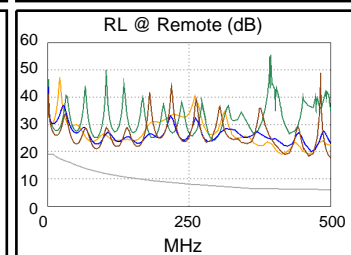
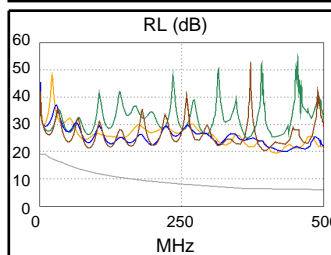
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	22.9	23.1	22.9	23.1
Freq. (MHz)	483.0	483.0	485.0	485.0
Limit (dB)	9.6	9.6	9.5	9.5
Worst Pair	36	78	36	78
PS ACR-F (dB)	24.1	24.0	24.1	24.0
Freq. (MHz)	480.0	483.0	480.0	485.0
Limit (dB)	6.6	6.6	6.6	6.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	27.6	27.2	62.4	61.8
Freq. (MHz)	2.9	3.1	498.0	497.0
Limit (dB)	61.4	61.1	-23.1	-23.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	27.0	27.1	64.1	63.4
Freq. (MHz)	3.0	3.3	498.0	497.0
Limit (dB)	58.4	58.2	-25.9	-25.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	78
RL (dB)	7.9	7.7	13.2	11.6
Freq. (MHz)	12.9	11.1	413.0	500.0
Limit (dB)	18.5	18.8	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: 69061-2

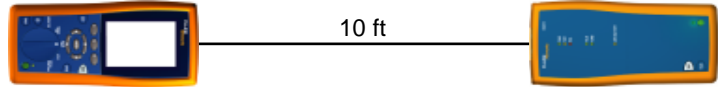
Date / Time: 10/06/2018 03:54:16 PM
Headroom 14.2 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

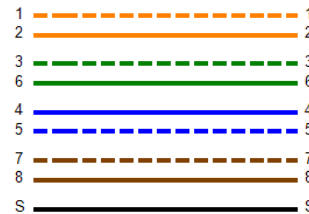
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	13
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.8
Insertion Loss Margin (dB)	[Pair 45]	47.3
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

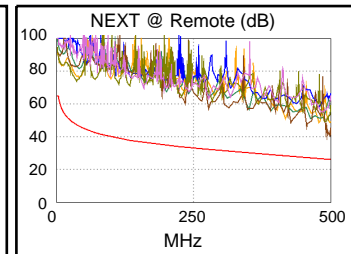
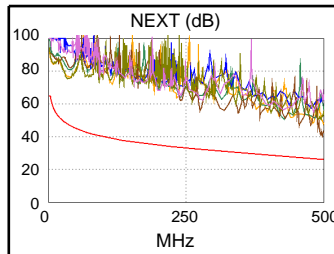


Wire Map (T568B)
PASS

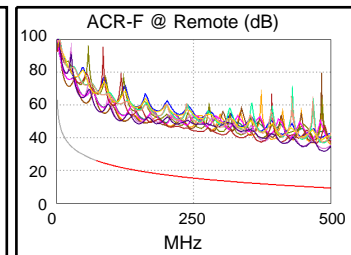
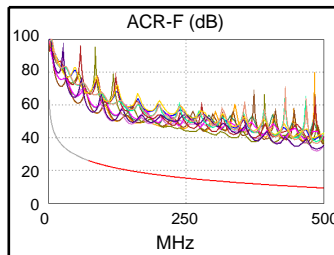


Worst Case Margin Worst Case Value

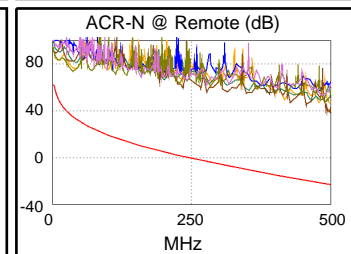
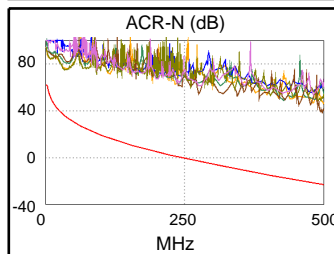
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	14.2	14.7	14.2	14.7
Freq. (MHz)	497.0	497.0	497.0	497.0
Limit (dB)	26.2	26.2	26.2	26.2
Worst Pair	36	36	36	36
PS NEXT (dB)	16.5	16.8	16.5	16.8
Freq. (MHz)	497.0	497.0	497.0	497.0
Limit (dB)	23.3	23.3	23.3	23.3



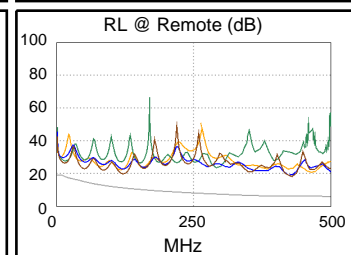
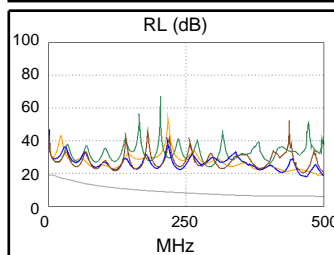
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	78-36
ACR-F (dB)	22.4	22.2	22.4	22.2
Freq. (MHz)	484.0	484.0	487.0	487.0
Limit (dB)	9.6	9.6	9.5	9.5
Worst Pair	78	36	78	78
PS ACR-F (dB)	23.7	24.3	23.7	24.4
Freq. (MHz)	483.0	477.0	483.0	485.0
Limit (dB)	6.6	6.7	6.6	6.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	26.4	26.7	61.5	62.0
Freq. (MHz)	3.0	2.9	497.0	497.0
Limit (dB)	61.4	61.4	-23.0	-23.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	26.0	26.1	63.8	64.1
Freq. (MHz)	3.0	3.3	497.0	497.0
Limit (dB)	58.4	58.2	-25.8	-25.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	78
RL (dB)	8.5	7.9	11.5	11.9
Freq. (MHz)	11.6	47.3	466.0	426.0
Limit (dB)	18.7	15.3	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: 69061-3

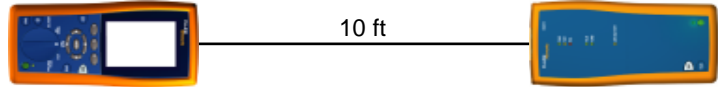
Date / Time: 10/06/2018 03:55:10 PM
Headroom 16.0 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

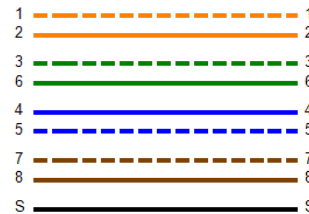
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	13
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.9
Insertion Loss Margin (dB)	[Pair 12]	47.1
Frequency (MHz)	[Pair 12]	493.0
Limit (dB)	[Pair 12]	48.9

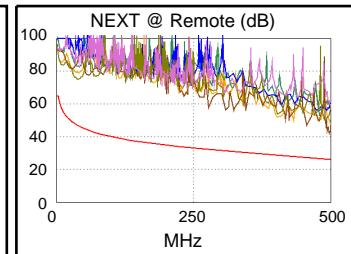
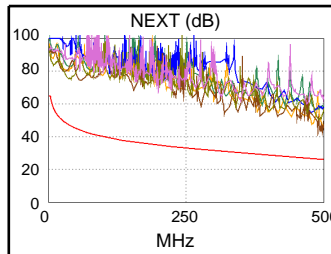


Wire Map (T568B)
PASS

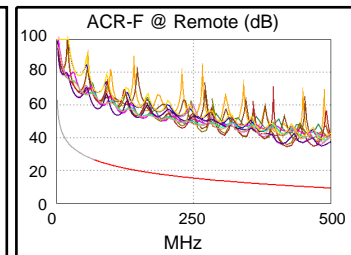
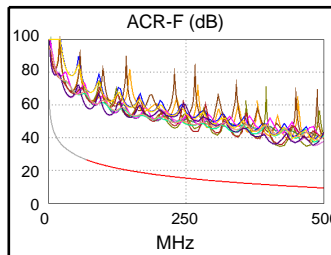


Worst Case Margin Worst Case Value

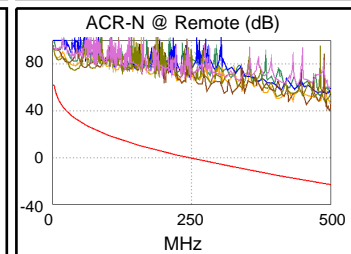
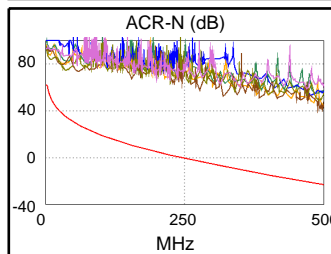
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	16.3	16.0	16.3	16.0
Freq. (MHz)	497.0	497.0	497.0	497.0
Limit (dB)	26.2	26.2	26.2	26.2
Worst Pair	36	36	36	36
PS NEXT (dB)	17.8	18.0	17.8	18.0
Freq. (MHz)	497.0	497.0	497.0	497.0
Limit (dB)	23.3	23.3	23.3	23.3



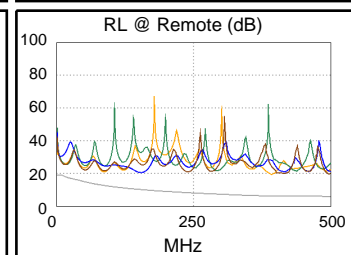
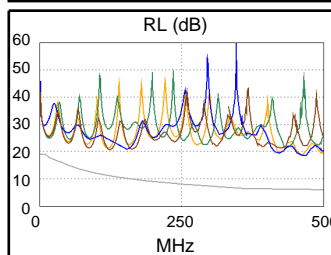
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	23.9	23.8	24.8	23.8
Freq. (MHz)	420.0	420.0	470.0	420.0
Limit (dB)	10.8	10.8	9.8	10.8
Worst Pair	36	36	78	36
PS ACR-F (dB)	25.2	24.8	25.5	25.0
Freq. (MHz)	412.0	415.0	481.0	476.0
Limit (dB)	8.0	7.9	6.6	6.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-45	36-45
ACR-N (dB)	27.4	28.1	63.7	63.4
Freq. (MHz)	2.9	2.5	497.0	497.0
Limit (dB)	61.4	61.7	-23.0	-23.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	27.0	27.3	65.1	65.3
Freq. (MHz)	3.0	3.1	497.0	497.0
Limit (dB)	58.4	58.3	-25.8	-25.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	78	45	12
RL (dB)	6.8	7.2	11.9	13.3
Freq. (MHz)	14.1	12.1	459.0	392.0
Limit (dB)	18.3	18.6	6.0	6.1



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: 69061-4

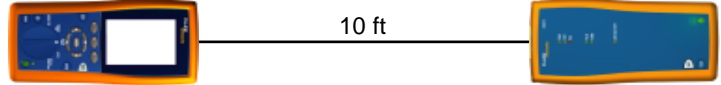
Date / Time: 10/06/2018 03:57:45 PM
Headroom 13.5 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

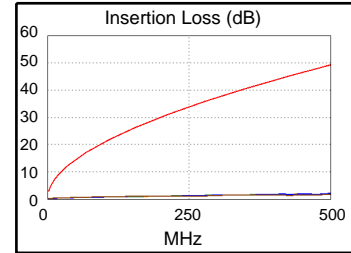
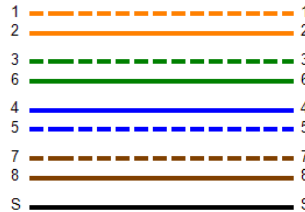
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	13
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.8
Insertion Loss Margin (dB)	[Pair 45]	47.3
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

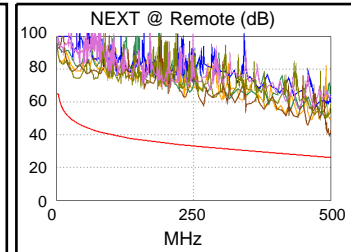
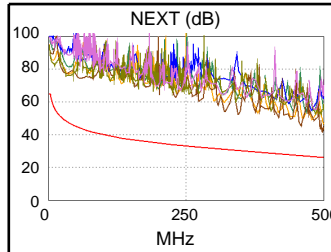


Wire Map (T568B)
PASS

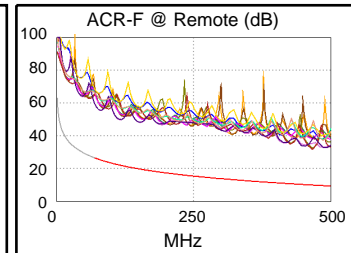
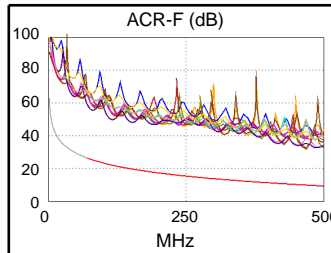


Worst Case Margin Worst Case Value

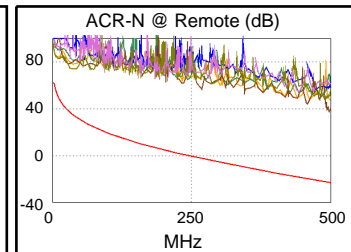
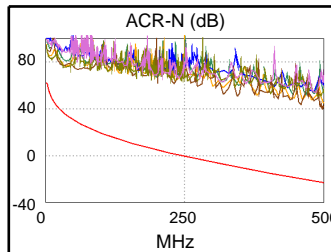
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	15.5	13.5	15.5	13.5
Freq. (MHz)	497.0	497.0	497.0	497.0
Limit (dB)	26.2	26.2	26.2	26.2
Worst Pair	36	36	36	36
PS NEXT (dB)	17.6	15.9	17.6	15.9
Freq. (MHz)	497.0	497.0	497.0	497.0
Limit (dB)	23.3	23.3	23.3	23.3



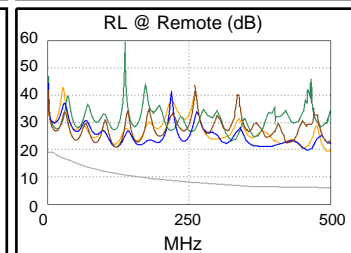
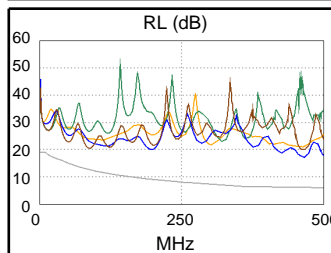
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	21.8	21.9	21.8	21.9
Freq. (MHz)	467.0	466.0	467.0	466.0
Limit (dB)	9.9	9.9	9.9	9.9
Worst Pair	36	36	36	36
PS ACR-F (dB)	23.1	23.3	23.1	23.6
Freq. (MHz)	466.0	465.0	466.0	500.0
Limit (dB)	6.9	6.9	6.9	6.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	26.4	27.0	62.7	60.7
Freq. (MHz)	2.9	3.0	497.0	497.0
Limit (dB)	61.4	61.4	-23.0	-23.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	25.6	26.2	64.8	63.1
Freq. (MHz)	3.0	3.1	497.0	497.0
Limit (dB)	58.4	58.3	-25.8	-25.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	12
RL (dB)	7.8	8.4	11.0	13.4
Freq. (MHz)	47.3	10.1	459.0	495.0
Limit (dB)	15.3	19.0	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: 69061-5

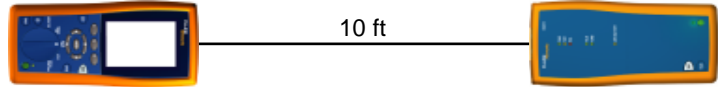
Date / Time: 10/06/2018 04:01:26 PM
Headroom 13.3 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

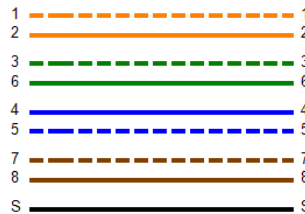
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	13
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.9
Insertion Loss Margin (dB)	[Pair 36]	46.9
Frequency (MHz)	[Pair 36]	493.0
Limit (dB)	[Pair 36]	48.9

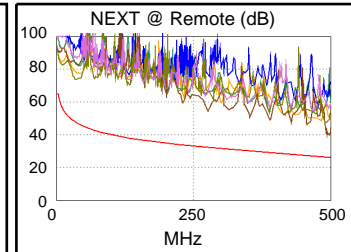
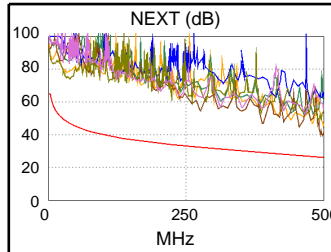


Wire Map (T568B)
PASS

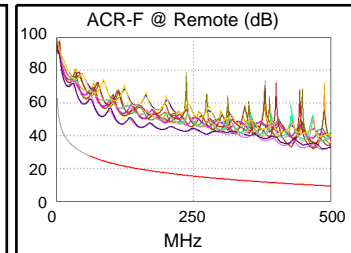
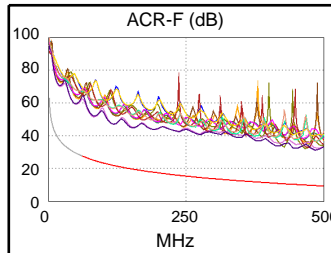


Worst Case Margin Worst Case Value

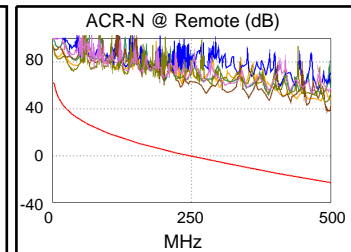
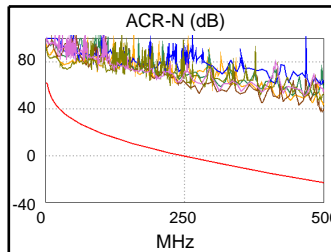
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	13.3	13.6	13.3	13.6
Freq. (MHz)	497.0	493.0	497.0	493.0
Limit (dB)	26.2	26.3	26.2	26.3
Worst Pair	36	36	36	36
PS NEXT (dB)	15.4	15.7	15.4	15.7
Freq. (MHz)	497.0	493.0	497.0	493.0
Limit (dB)	23.3	23.4	23.3	23.4



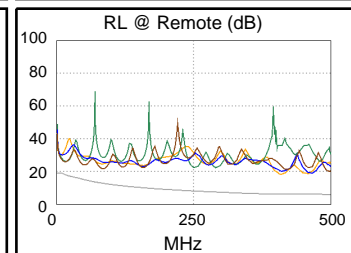
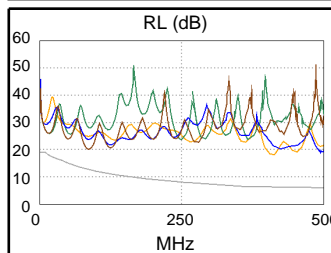
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	21.6	21.9	21.6	21.9
Freq. (MHz)	482.0	482.0	485.0	482.0
Limit (dB)	9.6	9.6	9.5	9.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.0	22.6	22.0	22.6
Freq. (MHz)	473.0	466.0	473.0	466.0
Limit (dB)	6.8	6.9	6.8	6.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	26.1	26.6	60.6	60.7
Freq. (MHz)	2.9	2.9	497.0	493.0
Limit (dB)	61.4	61.4	-23.0	-22.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	25.9	25.9	62.6	62.6
Freq. (MHz)	2.9	3.3	497.0	493.0
Limit (dB)	58.4	58.2	-25.8	-25.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	12
RL (dB)	7.4	7.7	11.9	12.2
Freq. (MHz)	85.3	11.6	409.0	409.0
Limit (dB)	12.7	18.7	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: 69061-6

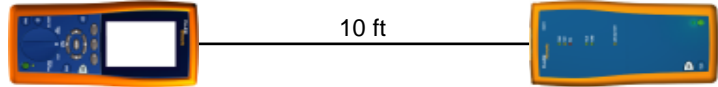
Date / Time: 10/06/2018 04:03:01 PM
Headroom 12.7 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

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

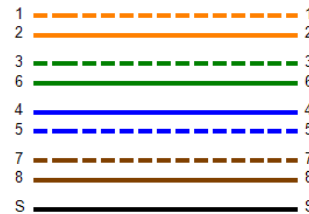
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	13
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 45]	0.9
Insertion Loss Margin (dB)	[Pair 12]	47.0
Frequency (MHz)	[Pair 12]	493.0
Limit (dB)	[Pair 12]	48.9

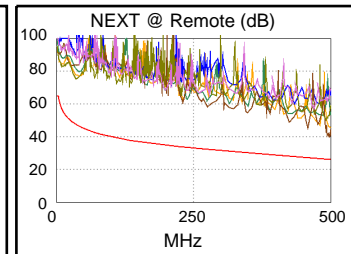
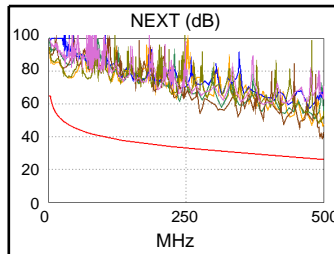


Wire Map (T568B)
PASS

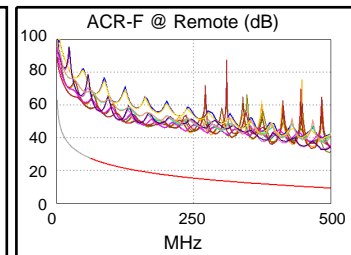
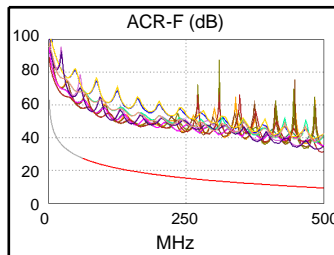


Worst Case Margin Worst Case Value

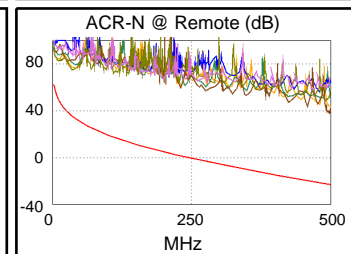
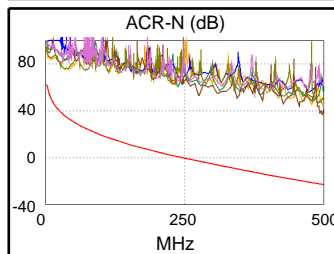
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	12.7	13.6	12.7	13.6
Freq. (MHz)	497.0	497.0	497.0	497.0
Limit (dB)	26.2	26.2	26.2	26.2
Worst Pair	36	36	36	36
PS NEXT (dB)	14.9	15.4	14.9	15.4
Freq. (MHz)	497.0	497.0	497.0	497.0
Limit (dB)	23.3	23.3	23.3	23.3



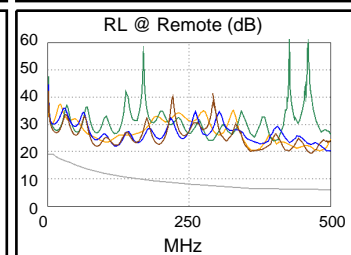
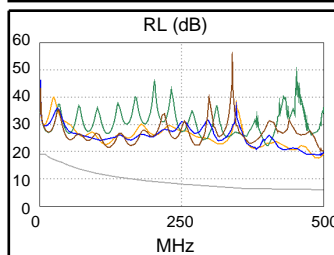
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	21.9	21.9	21.9	21.9
Freq. (MHz)	494.0	494.0	496.0	496.0
Limit (dB)	9.4	9.4	9.3	9.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.1	23.0	22.1	23.1
Freq. (MHz)	495.0	468.0	496.0	500.0
Limit (dB)	6.4	6.9	6.3	6.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	26.2	27.8	60.0	60.9
Freq. (MHz)	3.0	2.8	497.0	497.0
Limit (dB)	61.4	61.5	-23.0	-23.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	25.9	26.4	62.1	62.6
Freq. (MHz)	3.3	3.3	497.0	497.0
Limit (dB)	58.2	58.2	-25.8	-25.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	78	12	78
RL (dB)	8.7	8.6	11.5	13.3
Freq. (MHz)	11.1	10.0	488.0	466.0
Limit (dB)	18.8	19.0	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