



Cable ID: 70187-1

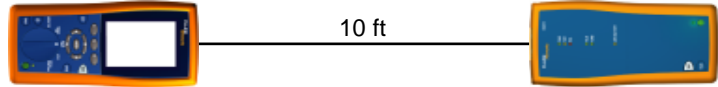
Date / Time: 10/06/2018 02:32:55 PM
Headroom 24.0 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

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

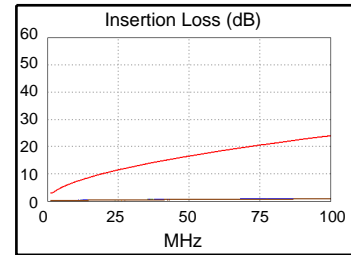
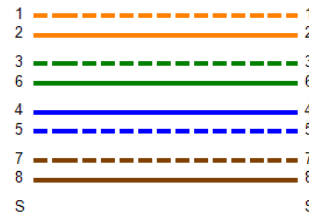
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	15
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 36]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

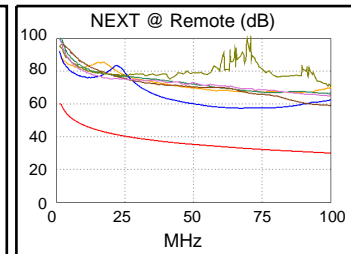
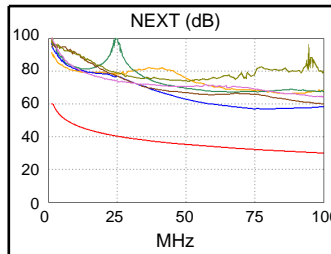


Wire Map (T568B)
PASS

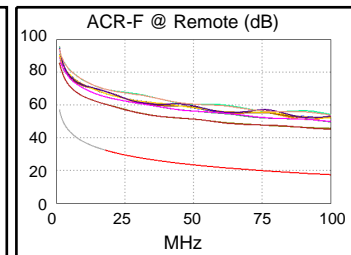
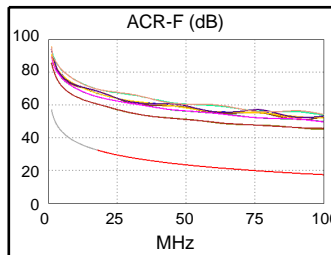


Worst Case Margin Worst Case Value

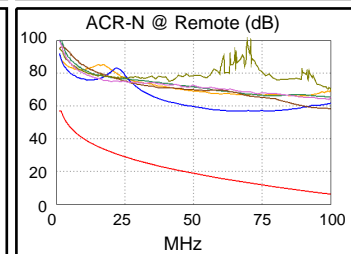
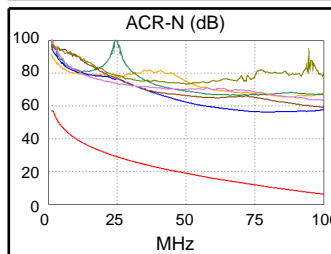
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	24.7	24.0	24.7	24.3
Freq. (MHz)	75.5	58.3	75.5	65.5
Limit (dB)	32.2	34.1	32.2	33.2
Worst Pair	12	12	12	12
PS NEXT (dB)	27.0	26.4	27.0	27.6
Freq. (MHz)	75.5	58.3	75.5	76.3
Limit (dB)	29.2	31.1	29.2	29.1



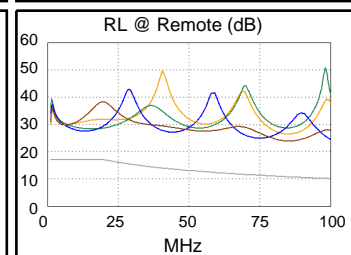
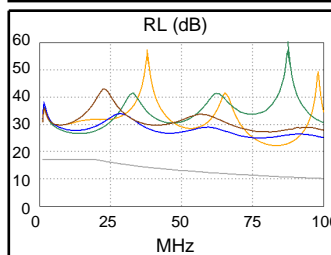
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	27.1	27.0	27.5	27.7
Freq. (MHz)	31.8	35.3	96.0	97.3
Limit (dB)	27.4	26.5	17.8	17.6
Worst Pair	36	36	45	36
PS ACR-F (dB)	28.6	28.5	29.2	28.7
Freq. (MHz)	33.3	31.8	99.5	93.3
Limit (dB)	24.0	24.4	14.4	15.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-78	12-78
ACR-N (dB)	32.1	31.5	44.7	42.7
Freq. (MHz)	1.6	1.6	75.5	65.5
Limit (dB)	56.9	56.9	11.6	14.2
Worst Pair	12	12	12	12
PS ACR-N (dB)	33.3	31.6	47.0	47.7
Freq. (MHz)	1.6	1.6	75.5	76.3
Limit (dB)	53.9	53.9	8.6	8.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	45	12	78
RL (dB)	9.6	10.5	11.3	13.1
Freq. (MHz)	12.5	12.4	82.3	83.8
Limit (dB)	17.0	17.0	10.9	10.8



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: 70187-2

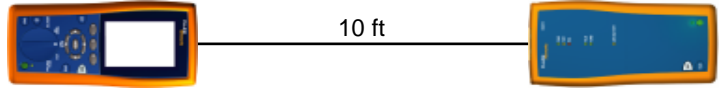
Date / Time: 10/06/2018 02:34:09 PM
Headroom 24.7 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

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

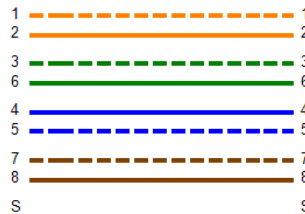
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	15
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 36]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

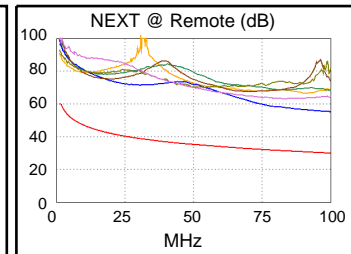
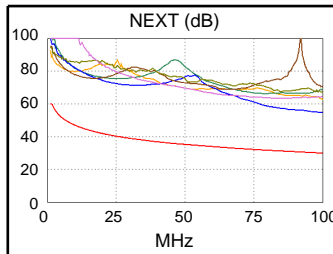


Wire Map (T568B)
PASS

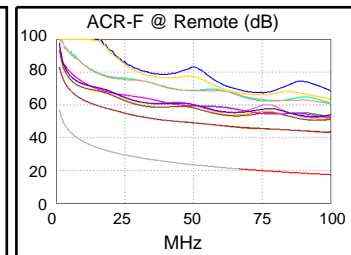
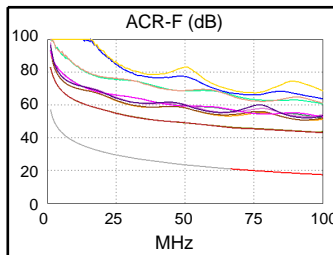


Worst Case Margin Worst Case Value

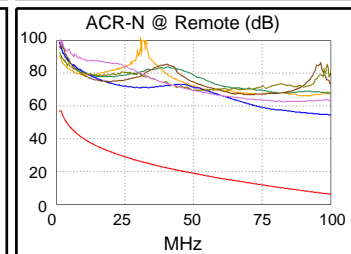
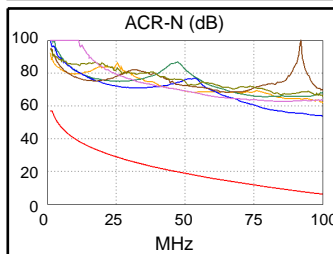
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	24.7	25.3	24.7	25.3
Freq. (MHz)	99.0	99.0	99.8	99.5
Limit (dB)	30.2	30.2	30.1	30.1
Worst Pair	12	78	12	78
PS NEXT (dB)	26.9	27.7	26.9	27.8
Freq. (MHz)	99.0	92.3	100.0	99.5
Limit (dB)	27.2	27.7	27.1	27.1



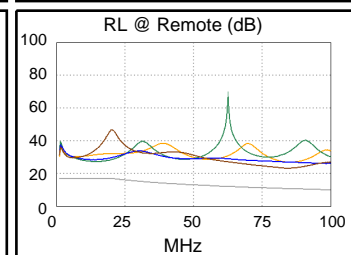
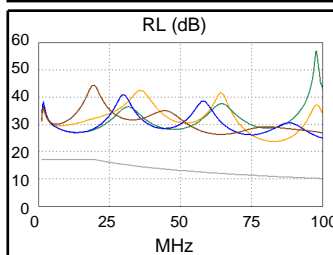
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	25.0	25.0	25.6	25.6
Freq. (MHz)	34.8	36.5	98.3	98.3
Limit (dB)	26.6	26.2	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	26.8	27.0	27.5	27.6
Freq. (MHz)	34.8	30.4	98.3	94.0
Limit (dB)	23.6	24.8	14.6	14.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-78	12-78
ACR-N (dB)	31.5	30.9	47.9	48.4
Freq. (MHz)	1.5	1.8	99.8	99.5
Limit (dB)	57.0	56.4	6.1	6.2
Worst Pair	36	36	12	78
PS ACR-N (dB)	32.1	31.6	50.1	50.9
Freq. (MHz)	1.9	1.8	100.0	99.5
Limit (dB)	52.8	53.4	3.1	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	12	78
RL (dB)	10.0	10.3	12.8	12.4
Freq. (MHz)	12.9	12.9	81.8	82.5
Limit (dB)	17.0	17.0	10.9	10.8



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: 70187-3

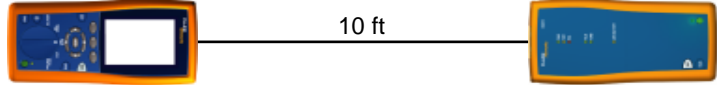
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Headroom 23.1 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

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

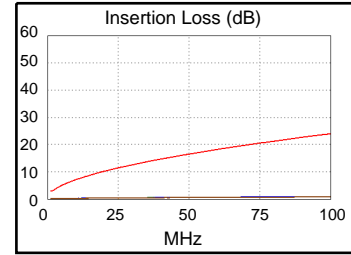
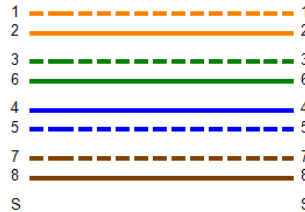
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	15
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

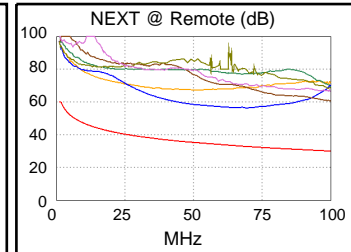
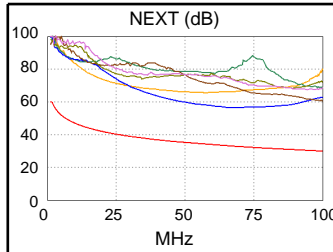


Wire Map (T568B)
PASS

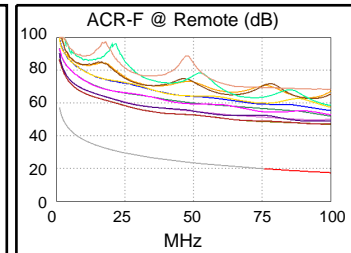
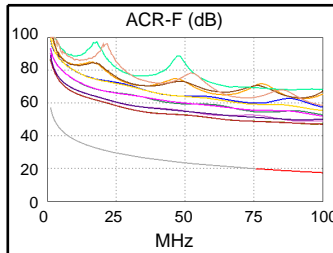


Worst Case Margin Worst Case Value

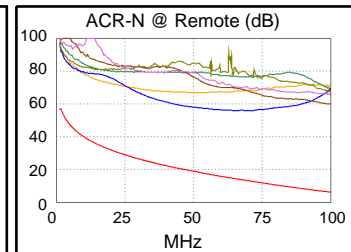
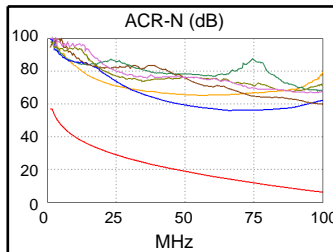
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	23.5	23.1	23.9	23.5
Freq. (MHz)	63.5	56.3	70.0	68.8
Limit (dB)	33.5	34.4	32.7	32.9
Worst Pair	12	12	12	12
PS NEXT (dB)	26.0	25.7	26.0	26.2
Freq. (MHz)	63.5	51.3	65.5	68.8
Limit (dB)	30.5	32.1	30.2	29.9



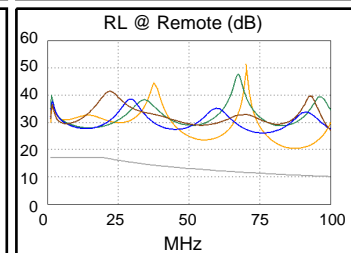
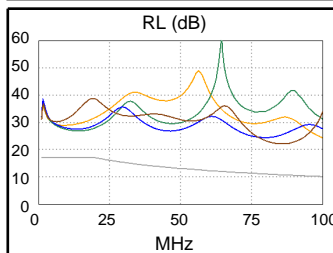
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-45	36-45
ACR-F (dB)	28.0	28.0	29.2	29.5
Freq. (MHz)	35.3	35.3	94.5	97.3
Limit (dB)	26.5	26.5	17.9	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	29.1	29.2	30.4	29.9
Freq. (MHz)	35.3	29.6	95.8	94.5
Limit (dB)	23.5	25.0	14.8	14.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	12-78	12-78
ACR-N (dB)	37.4	35.0	43.0	42.5
Freq. (MHz)	1.1	2.4	70.0	68.8
Limit (dB)	57.0	53.8	13.0	13.3
Worst Pair	36	12	12	12
PS ACR-N (dB)	37.4	35.3	44.4	45.2
Freq. (MHz)	1.1	1.8	65.5	68.8
Limit (dB)	54.0	53.4	11.2	10.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	12	78	12
RL (dB)	9.9	9.8	11.4	9.8
Freq. (MHz)	12.3	85.8	84.8	86.5
Limit (dB)	17.0	10.7	10.7	10.6



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: 70187-4

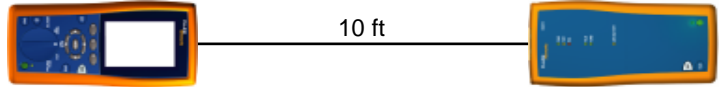
Date / Time: 10/06/2018 02:36:37 PM
Headroom 25.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

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

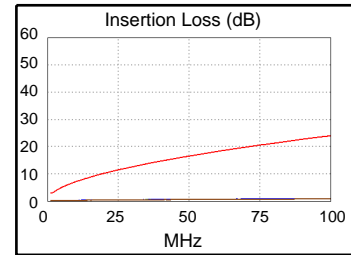
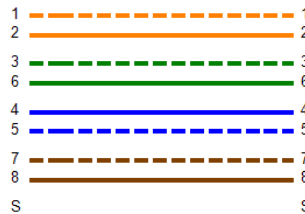
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	15
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

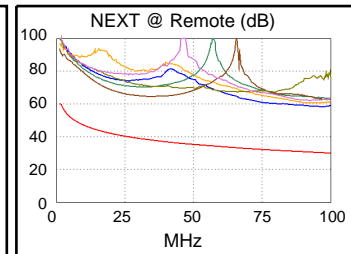
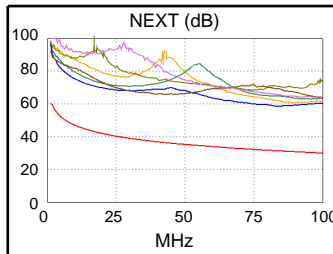


Wire Map (T568B)
PASS

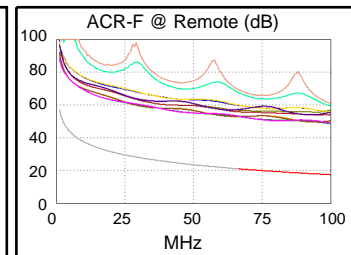
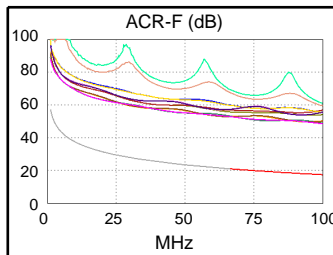


Worst Case Margin Worst Case Value

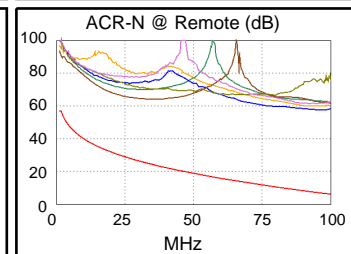
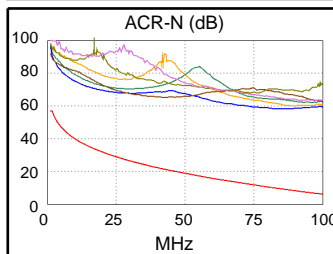
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-78
NEXT (dB)	27.3	25.8	27.3	28.0
Freq. (MHz)	83.0	25.3	83.0	96.0
Limit (dB)	31.5	40.3	31.5	30.4
Worst Pair	12	45	12	12
PS NEXT (dB)	28.0	27.4	28.0	28.3
Freq. (MHz)	82.8	25.3	86.8	96.0
Limit (dB)	28.5	37.3	28.1	27.4



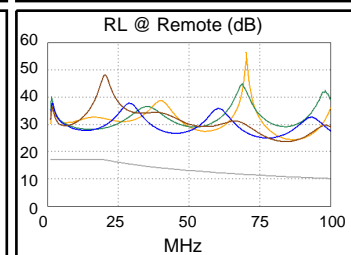
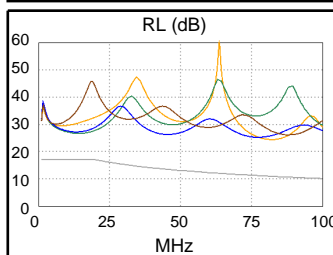
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	45-12	12-45
ACR-F (dB)	30.9	30.9	31.1	31.1
Freq. (MHz)	76.0	76.8	100.0	100.0
Limit (dB)	19.8	19.7	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	31.2	31.4	31.2	31.7
Freq. (MHz)	96.0	4.8	99.0	99.8
Limit (dB)	14.8	40.9	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	32.5	34.0	48.4	50.7
Freq. (MHz)	1.4	1.5	83.0	96.0
Limit (dB)	57.0	57.0	9.8	6.9
Worst Pair	45	36	12	12
PS ACR-N (dB)	33.7	35.1	49.5	51.0
Freq. (MHz)	1.6	1.5	86.8	96.0
Limit (dB)	53.9	54.0	5.9	3.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	45	12	78
RL (dB)	9.7	10.7	13.5	12.8
Freq. (MHz)	12.6	12.9	80.8	83.0
Limit (dB)	17.0	17.0	10.9	10.8



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: 70187-5

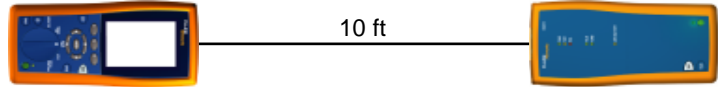
Date / Time: 10/06/2018 02:41:23 PM
Headroom 27.5 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

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

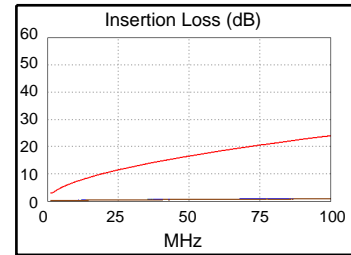
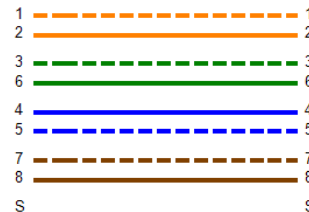
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 78]	10
Prop. Delay (ns), Limit 555	[Pair 12]	15
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 36]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

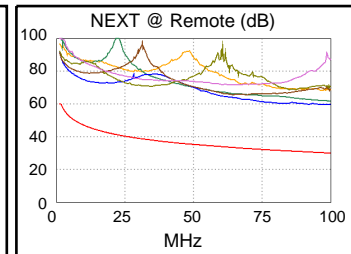
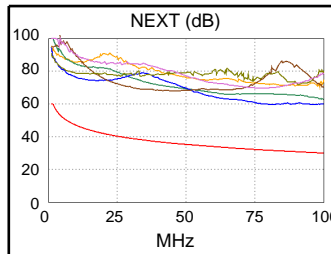


Wire Map (T568B)
PASS

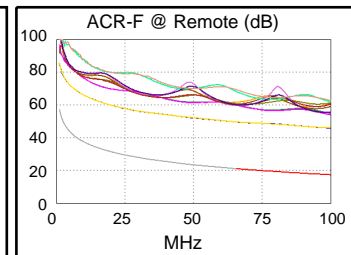
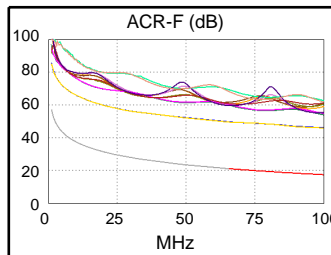


Worst Case Margin Worst Case Value

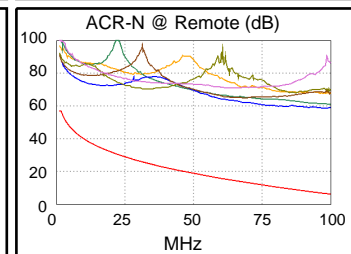
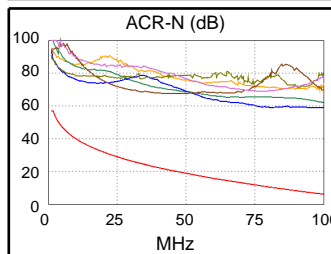
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	28.0	27.5	28.0	29.3
Freq. (MHz)	80.5	5.4	80.5	97.0
Limit (dB)	31.7	51.4	31.7	30.3
Worst Pair	78	36	12	12
PS NEXT (dB)	28.8	28.6	30.8	30.0
Freq. (MHz)	1.6	1.8	98.3	97.0
Limit (dB)	56.9	56.4	27.2	27.3



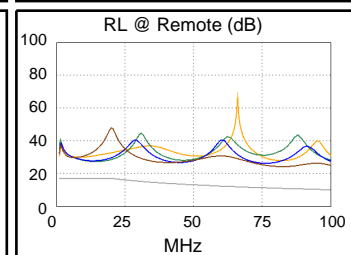
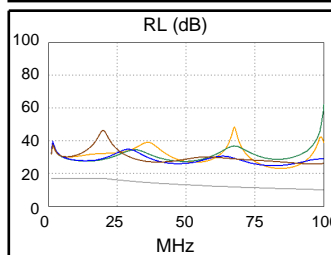
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	28.2	28.2	28.5	28.5
Freq. (MHz)	25.3	55.8	98.5	98.5
Limit (dB)	29.4	22.5	17.5	17.5
Worst Pair	12	12	12	12
PS ACR-F (dB)	30.4	30.0	30.8	30.8
Freq. (MHz)	1.0	1.1	97.5	99.8
Limit (dB)	54.4	53.4	14.6	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-78	12-78	12-78
ACR-N (dB)	31.0	30.7	51.9	52.1
Freq. (MHz)	1.5	1.9	95.0	97.0
Limit (dB)	57.0	55.8	7.1	6.7
Worst Pair	78	36	12	12
PS ACR-N (dB)	31.6	31.4	53.8	52.8
Freq. (MHz)	1.6	1.8	98.3	97.0
Limit (dB)	53.9	53.4	3.4	3.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	12	78
RL (dB)	10.5	10.2	12.2	13.2
Freq. (MHz)	12.9	13.4	84.0	80.5
Limit (dB)	17.0	17.0	10.8	11.0



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: 70187-6

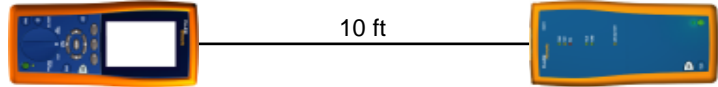
Date / Time: 10/06/2018 02:42:53 PM
Headroom 27.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

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

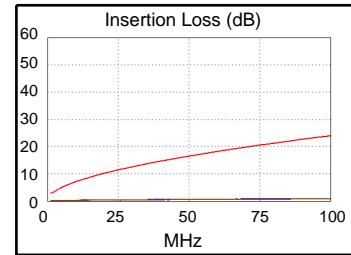
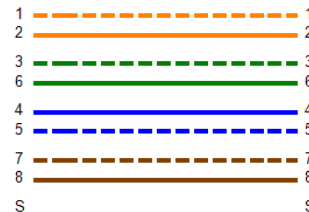
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 12]	15
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 36]	0.7
Insertion Loss Margin (dB)	[Pair 12]	23.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

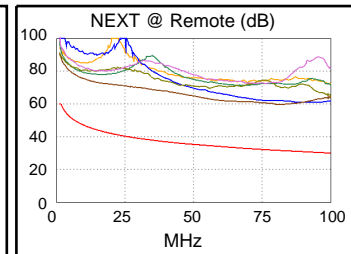
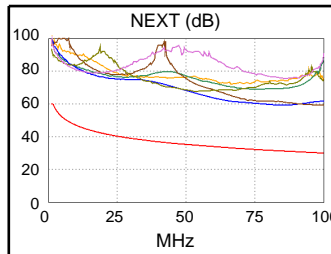


Wire Map (T568B)
PASS

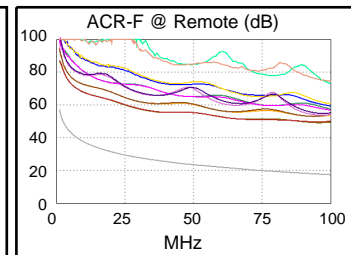
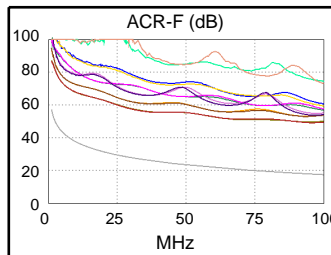


Worst Case Margin Worst Case Value

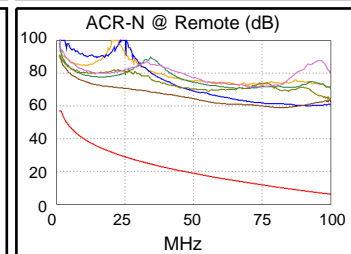
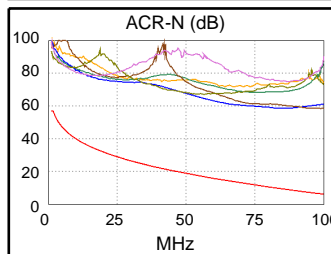
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	36-45
NEXT (dB)	27.8	27.3	27.8	28.0
Freq. (MHz)	82.0	1.9	83.0	81.0
Limit (dB)	31.6	58.9	31.5	31.7
Worst Pair	12	36	12	36
PS NEXT (dB)	30.3	27.8	30.3	30.8
Freq. (MHz)	82.0	1.9	83.0	83.5
Limit (dB)	28.6	55.9	28.5	28.4



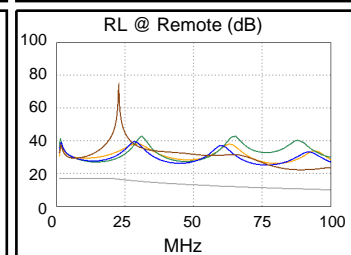
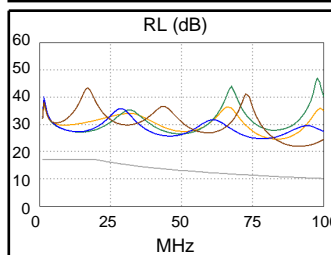
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	29.5	29.5	31.2	31.2
Freq. (MHz)	33.3	33.3	93.8	93.8
Limit (dB)	27.0	27.0	18.0	18.0
Worst Pair	36	36	36	36
PS ACR-F (dB)	31.0	31.1	31.8	32.3
Freq. (MHz)	31.0	31.8	93.8	94.5
Limit (dB)	24.6	24.4	15.0	14.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	36-45
ACR-N (dB)	32.4	30.2	51.6	48.7
Freq. (MHz)	1.6	1.9	96.0	81.0
Limit (dB)	56.9	55.8	6.9	10.3
Worst Pair	78	36	12	36
PS ACR-N (dB)	34.0	30.7	51.3	51.8
Freq. (MHz)	1.6	1.9	83.0	83.5
Limit (dB)	53.9	52.8	6.8	6.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	10.1	9.9	11.4	11.6
Freq. (MHz)	14.1	14.0	90.3	89.3
Limit (dB)	17.0	17.0	10.5	10.5



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