



Cable ID: 69070-1

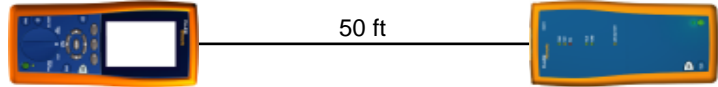
Date / Time: 10/08/2018 10:56:19 AM
Headroom 12.3 dB (NEXT 45-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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

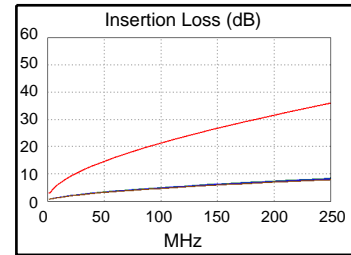
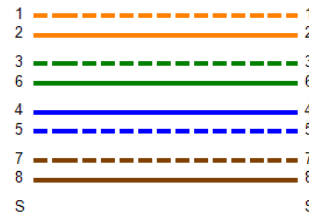
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 78]	50
Prop. Delay (ns), Limit 555	[Pair 36]	75
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	4.2
Insertion Loss Margin (dB)	[Pair 36]	27.5
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

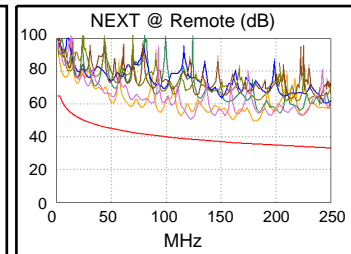
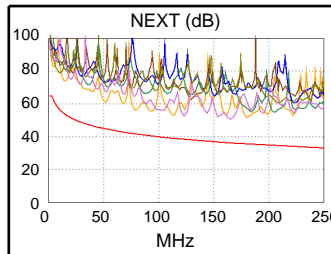


Wire Map (T568B)
PASS

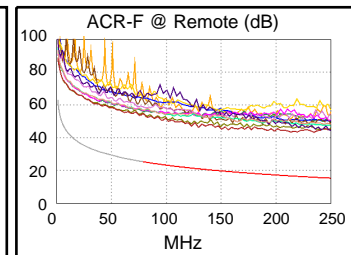
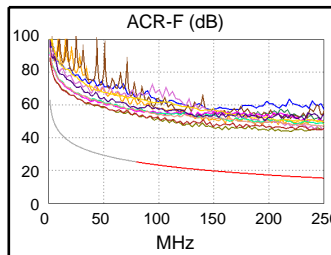


Worst Case Margin Worst Case Value

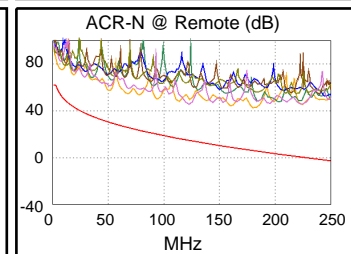
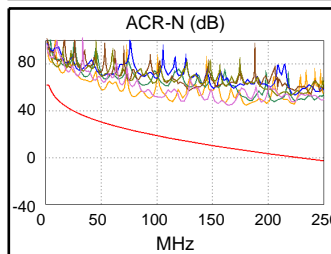
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	45-78	12-36
NEXT (dB)	13.9	12.3	14.5	13.9
Freq. (MHz)	112.5	122.0	164.5	181.0
Limit (dB)	39.1	38.5	36.2	35.5
Worst Pair	12	45	45	12
PS NEXT (dB)	16.6	15.1	17.2	16.3
Freq. (MHz)	113.0	122.5	164.5	182.0
Limit (dB)	36.2	35.6	33.3	32.6



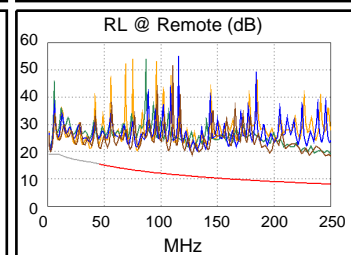
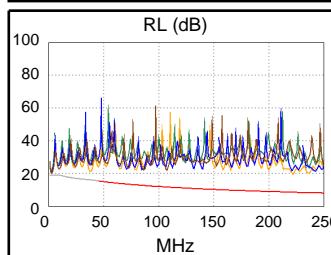
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	25.5	25.4	27.7	27.4
Freq. (MHz)	129.5	129.5	234.0	234.5
Limit (dB)	21.0	21.0	15.9	15.9
Worst Pair	45	45	45	36
PS ACR-F (dB)	26.1	26.8	29.0	28.4
Freq. (MHz)	1.0	1.0	234.5	234.5
Limit (dB)	60.3	60.3	12.9	12.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	45-78	12-36
ACR-N (dB)	22.9	21.3	36.5	36.7
Freq. (MHz)	3.8	4.6	164.5	181.0
Limit (dB)	59.6	57.7	8.1	5.8
Worst Pair	36	36	12	12
PS ACR-N (dB)	24.1	23.3	46.2	39.6
Freq. (MHz)	3.9	4.6	222.5	182.0
Limit (dB)	56.8	55.2	-2.5	2.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	78
RL (dB)	8.4	5.5	11.0	10.1
Freq. (MHz)	45.0	46.0	221.5	250.0
Limit (dB)	15.5	15.4	8.5	8.0



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: 69070-2

Date / Time: 10/08/2018 11:01:29 AM

Headroom 14.8 dB (NEXT 12-45)

Test Limit: TIA Cat 6 Channel

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-CHA002

Remote Adapter: DTX-CHA002

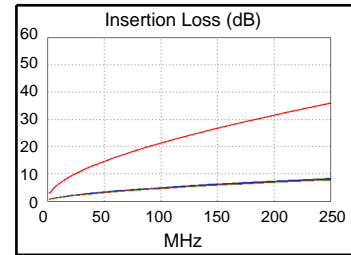
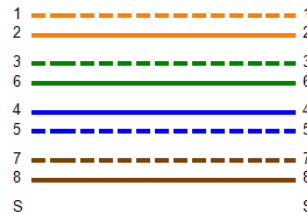
Length (ft), Limit 328	[Pair 78]	50
Prop. Delay (ns), Limit 555	[Pair 36]	75
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	4.2
Insertion Loss Margin (dB)	[Pair 36]	27.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



50 ft

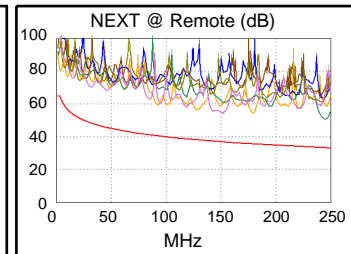
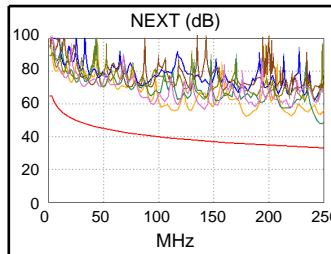


Wire Map (T568B)
PASS

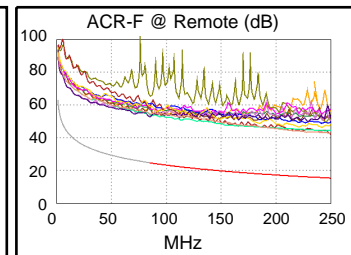
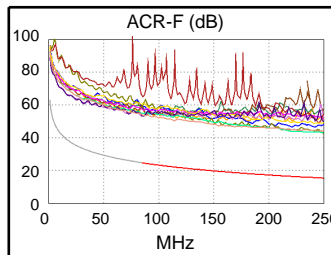


Worst Case Margin Worst Case Value

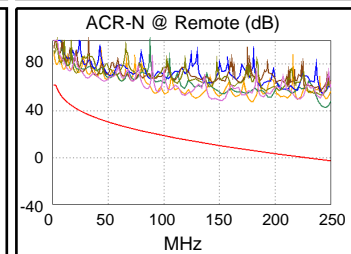
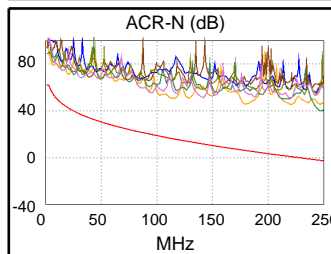
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-36	12-45	12-45
NEXT (dB)	14.8	16.2	14.8	17.5
Freq. (MHz)	247.0	3.4	247.0	244.5
Limit (dB)	33.2	64.2	33.2	33.3
Worst Pair	12	36	12	12
PS NEXT (dB)	16.7	18.6	16.7	19.7
Freq. (MHz)	247.0	3.4	247.0	245.0
Limit (dB)	30.2	61.7	30.2	30.3



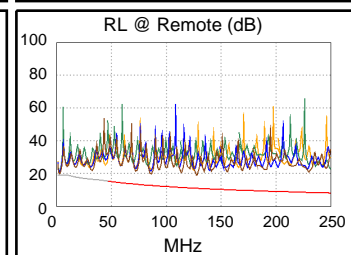
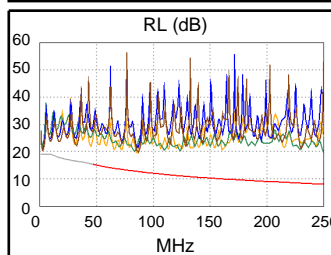
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	27.1	26.8	27.1	26.8
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	36	78	45	36
PS ACR-F (dB)	27.3	27.1	27.8	29.5
Freq. (MHz)	1.0	2.5	250.0	250.0
Limit (dB)	60.3	52.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-45
ACR-N (dB)	23.9	19.1	42.5	45.1
Freq. (MHz)	6.1	3.0	247.0	244.5
Limit (dB)	55.1	61.5	-2.5	-2.2
Worst Pair	36	36	12	12
PS ACR-N (dB)	24.7	21.5	44.4	47.3
Freq. (MHz)	6.1	3.4	247.0	245.0
Limit (dB)	52.6	58.0	-5.4	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	78
RL (dB)	6.5	6.7	6.5	8.0
Freq. (MHz)	44.8	86.0	85.8	127.5
Limit (dB)	15.5	12.7	12.7	10.9



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: 69070-3

Date / Time: 10/08/2018 11:02:15 AM

Headroom 14.0 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

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-CHA002

Remote Adapter: DTX-CHA002

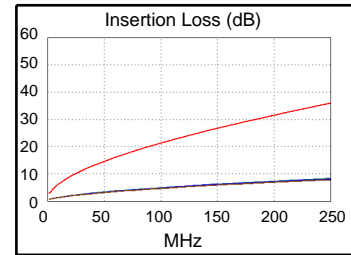
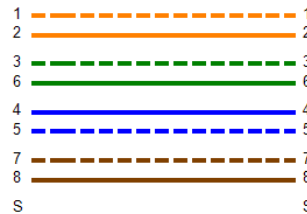
Length (ft), Limit 328	[Pair 78]	50
Prop. Delay (ns), Limit 555	[Pair 36]	75
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	4.2
Insertion Loss Margin (dB)	[Pair 36]	27.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



50 ft

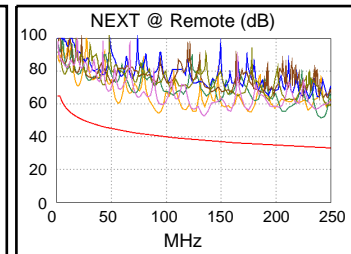
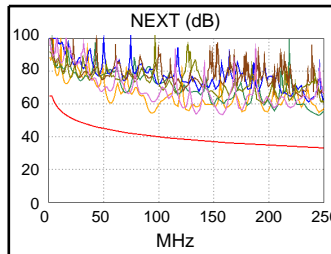


Wire Map (T568B)
PASS

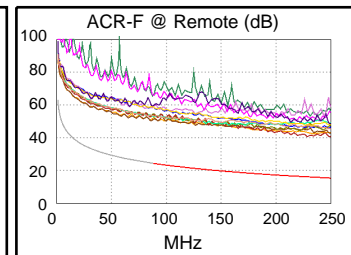
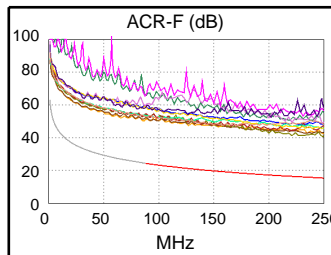


Worst Case Margin Worst Case Value

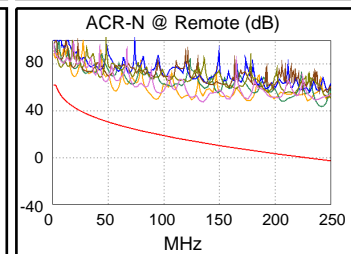
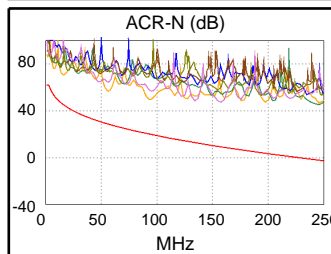
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-45
NEXT (dB)	14.0	14.1	19.9	17.9
Freq. (MHz)	93.0	92.5	245.0	241.5
Limit (dB)	40.5	40.5	33.3	33.4
Worst Pair	12	36	12	45
PS NEXT (dB)	16.8	16.8	20.7	20.1
Freq. (MHz)	93.5	92.5	245.0	241.5
Limit (dB)	37.6	37.7	30.3	30.4



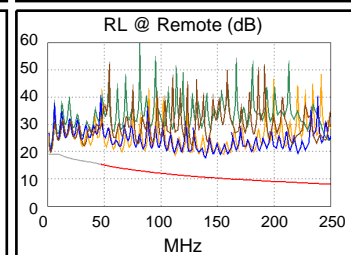
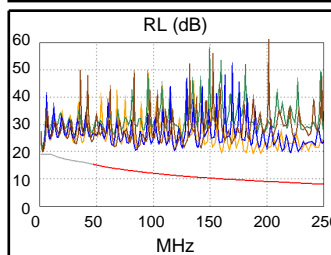
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	24.7	24.6	24.7	24.6
Freq. (MHz)	228.0	228.0	228.0	228.0
Limit (dB)	16.1	16.1	16.1	16.1
Worst Pair	36	36	45	36
PS ACR-F (dB)	25.6	25.1	26.9	26.1
Freq. (MHz)	2.6	2.5	228.0	248.5
Limit (dB)	51.9	52.3	13.1	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	12-45	12-45
ACR-N (dB)	22.9	23.2	47.6	45.2
Freq. (MHz)	7.0	6.3	245.0	241.5
Limit (dB)	53.8	54.9	-2.3	-1.8
Worst Pair	36	36	12	45
PS ACR-N (dB)	23.7	24.5	48.3	47.4
Freq. (MHz)	6.5	6.3	245.5	241.5
Limit (dB)	52.0	52.4	-5.3	-4.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	12	45
RL (dB)	7.6	6.1	9.5	7.2
Freq. (MHz)	84.5	65.3	181.0	139.0
Limit (dB)	12.7	13.9	9.4	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: 69070-4

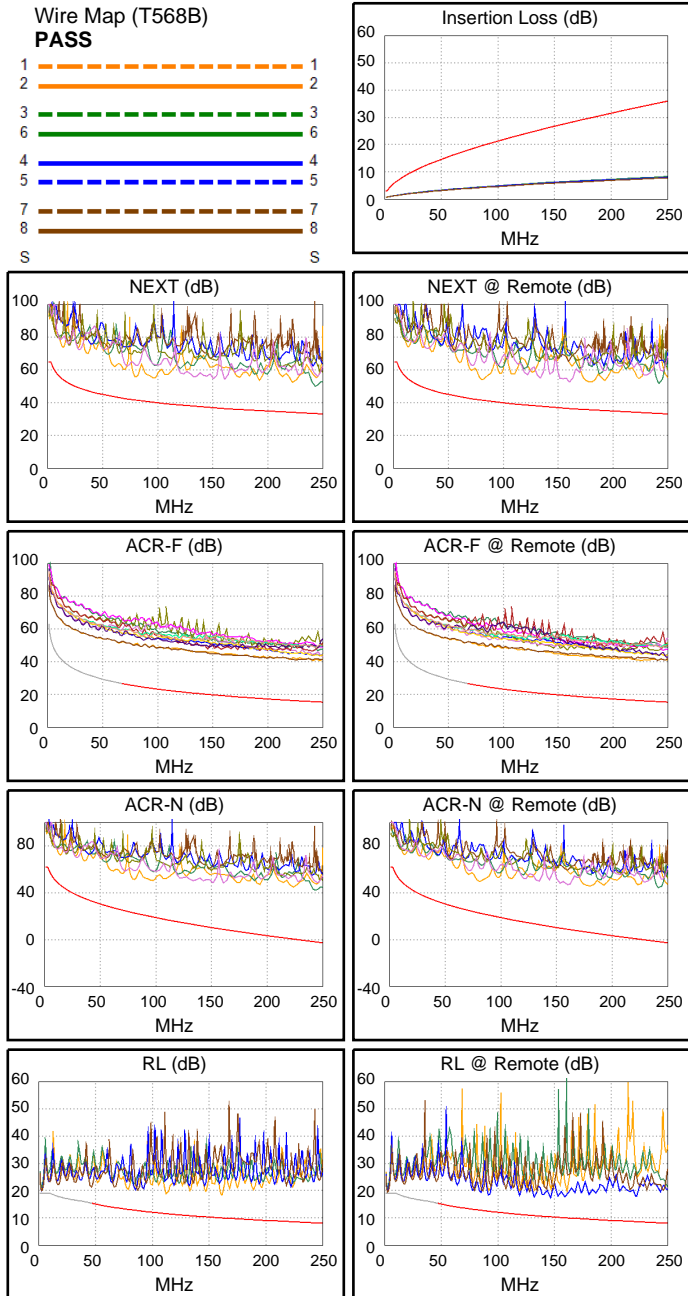
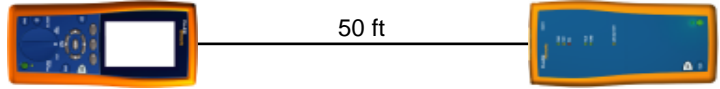
Date / Time: 10/08/2018 11:02:45 AM
Headroom 12.6 dB (NEXT 12-36)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	50
Prop. Delay (ns), Limit 555	[Pair 36]	75
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	4.1
Insertion Loss Margin (dB)	[Pair 36]	27.7
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-45
NEXT (dB)	14.0	12.6	16.7	18.5
Freq. (MHz)	79.8	80.5	243.5	242.5
Limit (dB)	41.6	41.5	33.3	33.3
Worst Pair	12	12	12	45
PS NEXT (dB)	16.7	15.3	18.4	20.9
Freq. (MHz)	79.8	80.5	243.5	243.0
Limit (dB)	38.8	38.7	30.4	30.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-F (dB)	23.4	23.3	24.9	24.5
Freq. (MHz)	9.0	9.0	240.5	225.5
Limit (dB)	44.2	44.2	15.6	16.2
Worst Pair	36	36	12	12
PS ACR-F (dB)	24.4	24.3	26.6	26.0
Freq. (MHz)	2.3	2.0	247.0	246.5
Limit (dB)	53.2	54.2	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-45
ACR-N (dB)	25.5	25.2	44.3	46.0
Freq. (MHz)	13.0	12.6	243.5	242.5
Limit (dB)	47.5	47.8	-2.1	-2.0
Worst Pair	36	36	12	45
PS ACR-N (dB)	26.6	25.7	46.0	48.5
Freq. (MHz)	6.8	11.9	243.5	243.0
Limit (dB)	51.6	45.8	-5.0	-5.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	12	45
RL (dB)	6.3	5.8	8.5	6.9
Freq. (MHz)	47.0	91.8	161.0	146.0
Limit (dB)	15.3	12.4	9.9	10.4

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: 69070-5

Date / Time: 10/08/2018 11:03:58 AM

Headroom 10.8 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

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-CHA002

Remote Adapter: DTX-CHA002

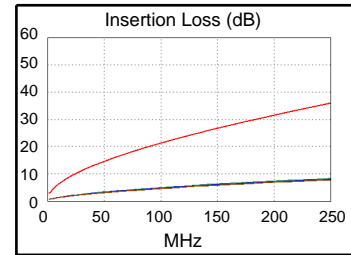
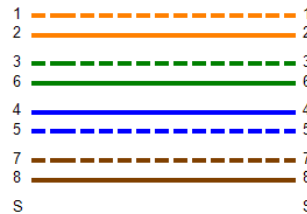
Length (ft), Limit 328	[Pair 12]	50
Prop. Delay (ns), Limit 555	[Pair 36]	75
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	4.1
Insertion Loss Margin (dB)	[Pair 36]	27.7
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



50 ft

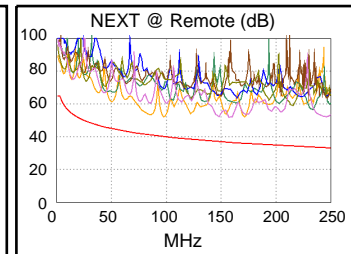
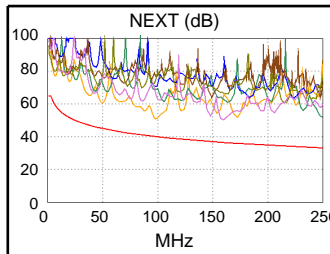


Wire Map (T568B)
PASS

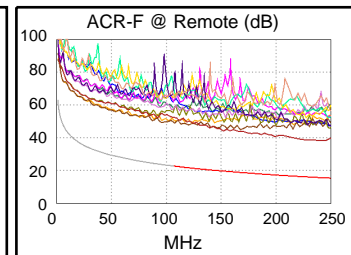
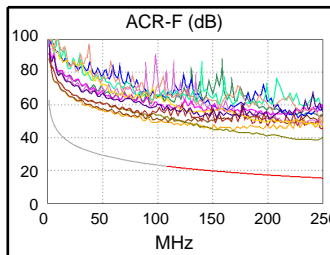


Worst Case Margin Worst Case Value

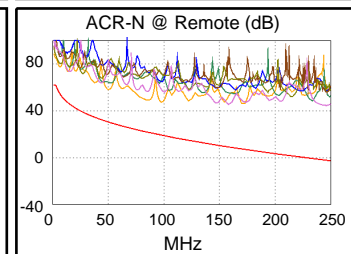
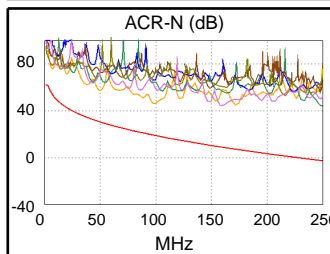
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	45-78	45-78
NEXT (dB)	10.8	12.1	13.8	14.8
Freq. (MHz)	98.0	97.5	159.0	158.5
Limit (dB)	40.1	40.1	36.5	36.5
Worst Pair	12	12	45	45
PS NEXT (dB)	13.6	14.7	16.5	17.3
Freq. (MHz)	98.0	97.5	159.0	158.5
Limit (dB)	37.2	37.3	33.6	33.6



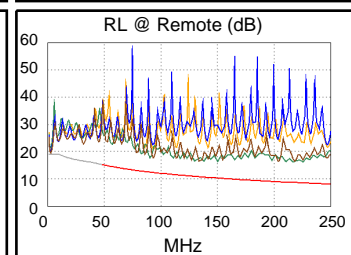
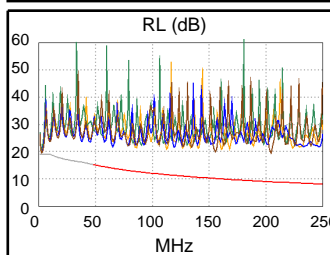
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	22.8	22.4	23.0	22.7
Freq. (MHz)	226.0	226.0	242.0	242.0
Limit (dB)	16.2	16.2	15.6	15.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	25.6	25.1	25.8	25.5
Freq. (MHz)	226.0	227.5	242.0	242.0
Limit (dB)	13.2	13.1	12.6	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	45-78
ACR-N (dB)	21.6	22.4	47.1	46.9
Freq. (MHz)	5.6	5.1	249.5	246.0
Limit (dB)	55.9	56.8	-2.8	-2.4
Worst Pair	36	36	45	45
PS ACR-N (dB)	21.9	22.8	48.8	49.2
Freq. (MHz)	5.6	5.8	248.5	246.0
Limit (dB)	53.4	53.2	-5.6	-5.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	78	78	78
RL (dB)	7.8	4.9	10.5	4.9
Freq. (MHz)	45.0	134.5	204.5	134.5
Limit (dB)	15.5	10.7	8.9	10.7



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: 69070-6

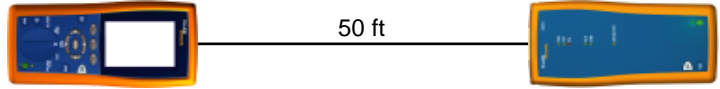
Date / Time: 10/08/2018 11:05:05 AM
Headroom 13.1 dB (NEXT 12-36)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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

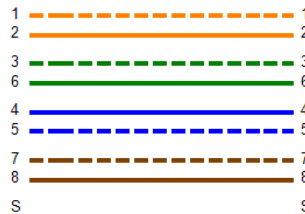
Test Summary: PASS

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

Length (ft), Limit 328	[Pair 78]	50
Prop. Delay (ns), Limit 555	[Pair 36]	75
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 45]	4.2
Insertion Loss Margin (dB)	[Pair 36]	27.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

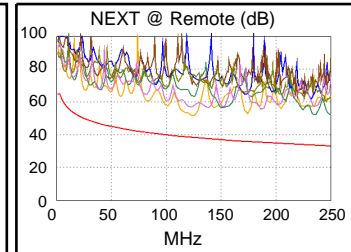
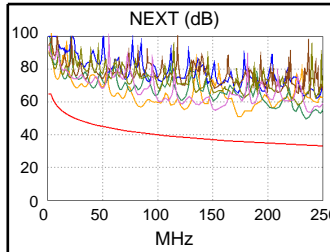


Wire Map (T568B)
PASS

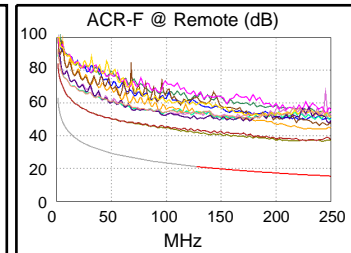
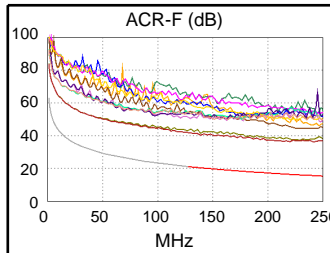


Worst Case Margin Worst Case Value

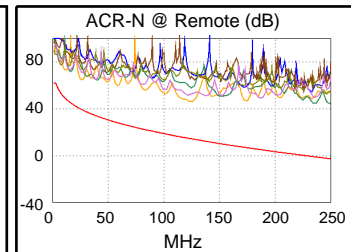
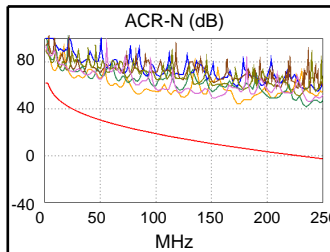
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-36
NEXT (dB)	15.0	13.1	15.8	13.1
Freq. (MHz)	174.0	124.5	235.0	124.5
Limit (dB)	35.8	38.3	33.6	38.3
Worst Pair	12	12	45	12
PS NEXT (dB)	17.6	15.7	17.8	20.3
Freq. (MHz)	174.0	124.0	235.0	235.0
Limit (dB)	32.9	35.5	30.6	30.6



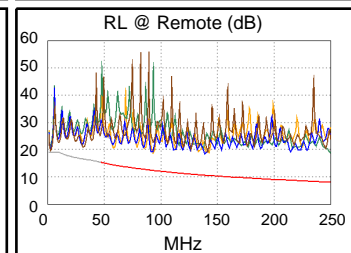
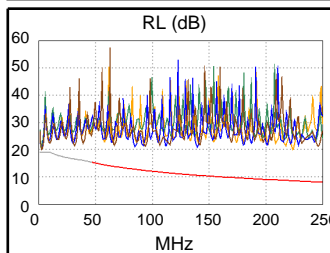
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	19.7	19.9	20.6	20.9
Freq. (MHz)	199.5	138.5	241.5	241.5
Limit (dB)	17.3	20.4	15.6	15.6
Worst Pair	36	45	36	45
PS ACR-F (dB)	22.4	22.6	23.2	23.5
Freq. (MHz)	199.5	199.5	241.0	241.0
Limit (dB)	14.3	14.3	12.6	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-45
ACR-N (dB)	20.5	24.1	42.8	45.6
Freq. (MHz)	7.8	10.6	235.0	235.0
Limit (dB)	52.8	49.6	-1.1	-1.1
Worst Pair	36	78	45	45
PS ACR-N (dB)	21.9	24.6	44.7	47.2
Freq. (MHz)	7.0	6.4	235.0	235.0
Limit (dB)	51.3	52.2	-4.0	-4.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	12	45
RL (dB)	7.8	6.1	11.5	7.0
Freq. (MHz)	66.5	58.0	223.5	139.5
Limit (dB)	13.8	14.4	8.5	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