



Cable ID: 69068-1

Date / Time: 10/08/2018 12:07:15 PM

Headroom 15.5 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

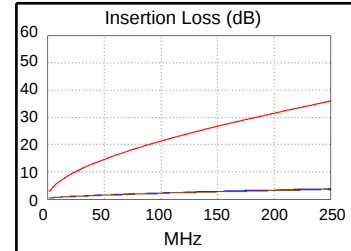
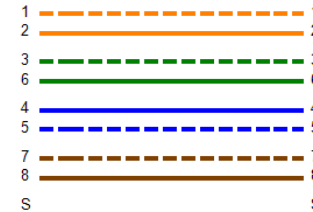
Length (ft), Limit 328	[Pair 12]	23
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	2.0
Insertion Loss Margin (dB)	[Pair 36]	32.2
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



23 ft

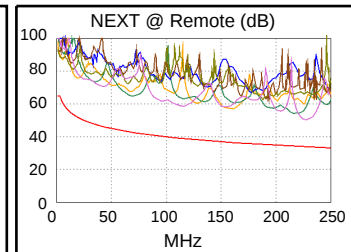
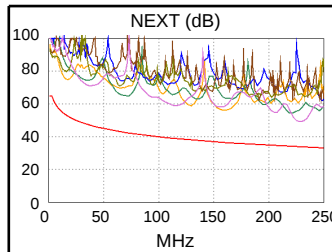


Wire Map (T568B)
PASS

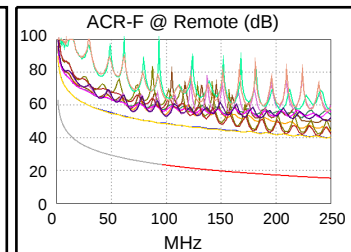
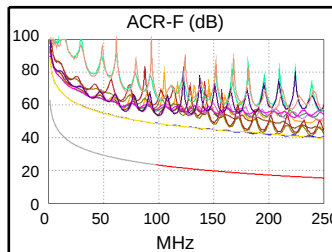


Worst Case Margin Worst Case Value

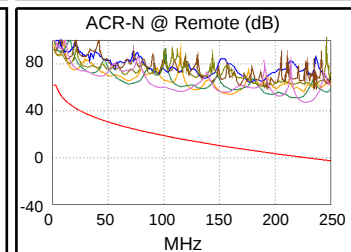
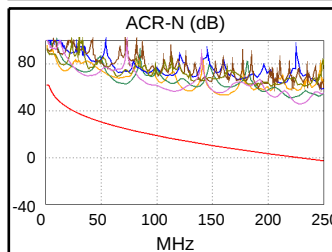
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	15.5	16.4	15.5	16.4
Freq. (MHz)	228.5	226.5	228.5	226.5
Limit (dB)	33.8	33.9	33.8	33.9
Worst Pair	45	45	45	45
PS NEXT (dB)	17.6	18.4	17.6	18.4
Freq. (MHz)	227.0	225.0	227.0	225.0
Limit (dB)	30.9	31.0	30.9	31.0



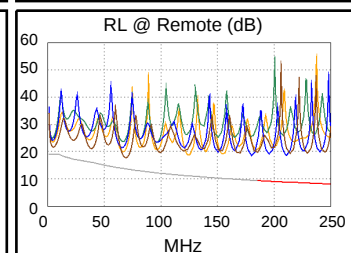
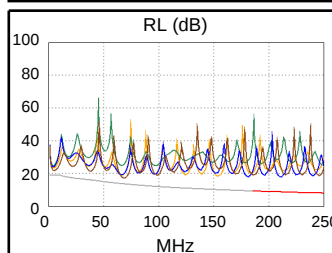
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	78-12	78-12	78-12
ACR-F (dB)	24.3	24.3	24.3	24.3
Freq. (MHz)	245.0	245.5	245.0	245.5
Limit (dB)	15.5	15.5	15.5	15.5
Worst Pair	12	12	12	12
PS ACR-F (dB)	26.2	26.8	26.2	27.0
Freq. (MHz)	247.0	65.0	247.0	245.5
Limit (dB)	12.4	24.0	12.4	12.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	45-78	45-78
ACR-N (dB)	27.3	26.8	46.3	47.1
Freq. (MHz)	2.6	2.9	228.5	226.5
Limit (dB)	61.7	61.6	-0.3	-0.1
Worst Pair	36	36	45	45
PS ACR-N (dB)	26.8	26.6	48.1	48.7
Freq. (MHz)	3.1	3.3	227.0	225.0
Limit (dB)	58.4	58.4	-3.1	-2.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	8.5	9.1	9.0	9.1
Freq. (MHz)	181.0	179.5	210.5	180.0
Limit (dB)	9.4	9.5	8.8	9.4



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: 69068-2

Date / Time: 10/08/2018 12:08:38 PM

Headroom 16.2 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

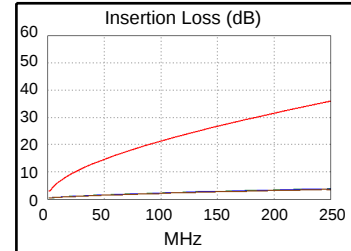
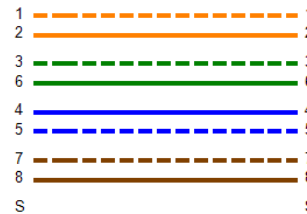
Length (ft), Limit 328	[Pair 12]	23
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	2.0
Insertion Loss Margin (dB)	[Pair 36]	32.2
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



23 ft

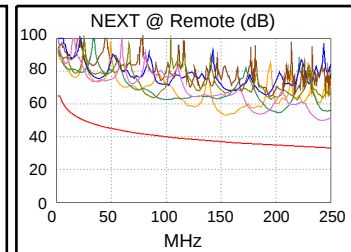
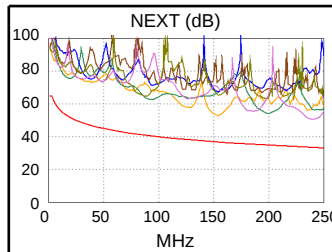


Wire Map (T568B)
PASS

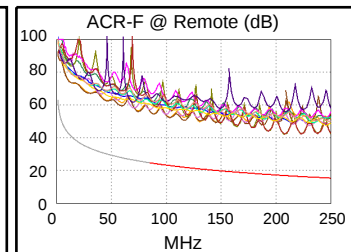
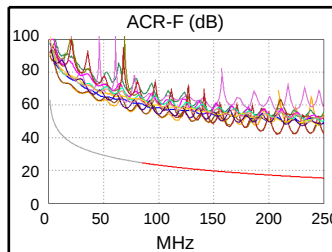


Worst Case Margin Worst Case Value

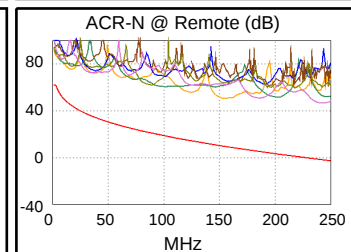
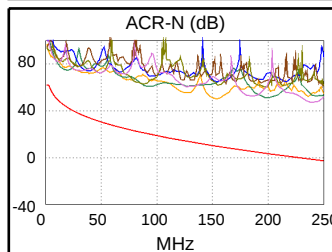
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	45-78	45-78
NEXT (dB)	16.2	16.4	17.2	16.4
Freq. (MHz)	153.5	153.5	239.5	242.0
Limit (dB)	36.8	36.8	33.4	33.4
Worst Pair	12	45	45	45
PS NEXT (dB)	18.8	18.5	19.1	18.5
Freq. (MHz)	153.5	242.0	239.5	242.0
Limit (dB)	33.9	30.4	30.5	30.4



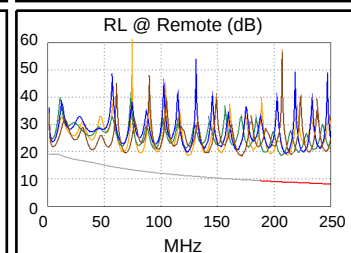
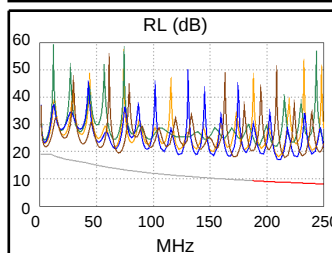
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	25.0	25.1	25.0	25.1
Freq. (MHz)	207.5	207.5	207.5	207.5
Limit (dB)	16.9	16.9	16.9	16.9
Worst Pair	36	36	36	45
PS ACR-F (dB)	27.6	27.1	28.9	29.0
Freq. (MHz)	207.5	1.0	250.0	250.0
Limit (dB)	13.9	60.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	45-78	45-78
ACR-N (dB)	28.0	25.5	48.9	48.3
Freq. (MHz)	3.0	3.0	239.5	242.0
Limit (dB)	61.5	61.5	-1.6	-1.9
Worst Pair	36	36	45	45
PS ACR-N (dB)	28.6	26.1	50.7	50.3
Freq. (MHz)	2.1	2.9	239.5	242.0
Limit (dB)	59.0	58.6	-4.6	-4.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	7.9	9.6	7.9	9.6
Freq. (MHz)	210.5	206.5	210.5	206.5
Limit (dB)	8.8	8.9	8.8	8.9



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: 69068-3

Date / Time: 10/08/2018 12:09:08 PM

Headroom 14.0 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

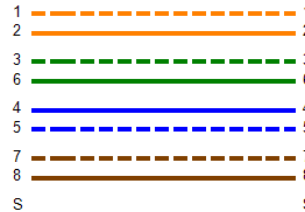
Length (ft), Limit 328	[Pair 12]	23
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	1.9
Insertion Loss Margin (dB)	[Pair 12]	32.2
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



23 ft

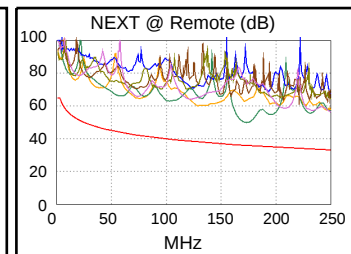
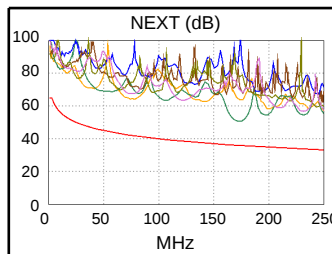


Wire Map (T568B)
PASS

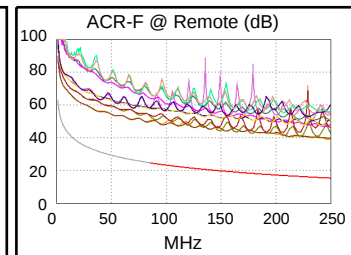
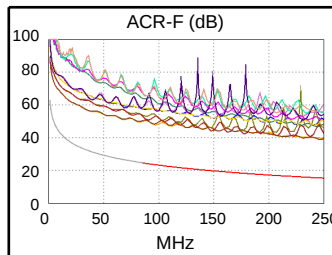


Worst Case Margin Worst Case Value

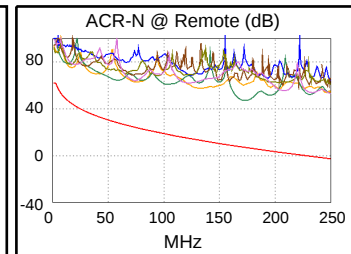
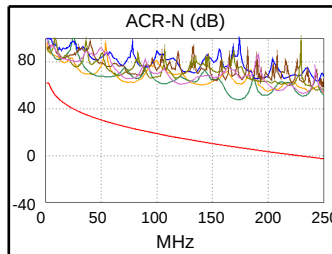
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	14.7	14.0	14.7	14.0
Freq. (MHz)	173.0	173.0	173.0	173.0
Limit (dB)	35.9	35.9	35.9	35.9
Worst Pair	12	12	12	12
PS NEXT (dB)	17.5	16.8	17.5	16.8
Freq. (MHz)	172.0	172.0	173.0	173.0
Limit (dB)	33.0	33.0	32.9	32.9



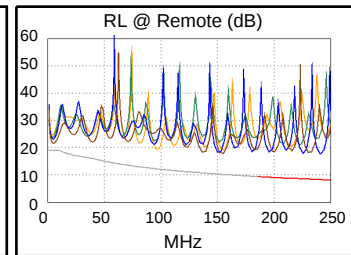
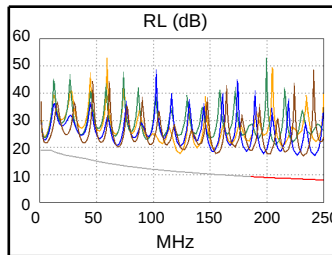
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	36-12	12-36
ACR-F (dB)	23.5	23.6	23.5	23.6
Freq. (MHz)	245.5	245.5	246.0	246.0
Limit (dB)	15.5	15.5	15.4	15.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.3	25.4	24.5	25.9
Freq. (MHz)	208.0	1.0	237.5	246.5
Limit (dB)	13.9	60.3	12.7	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	12-45
ACR-N (dB)	26.9	26.3	40.9	40.2
Freq. (MHz)	2.3	2.3	173.0	173.0
Limit (dB)	61.9	61.9	6.9	6.9
Worst Pair	36	36	12	12
PS ACR-N (dB)	26.2	26.5	43.5	42.8
Freq. (MHz)	3.3	2.9	173.0	173.0
Limit (dB)	58.4	58.6	4.0	4.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	45	45
RL (dB)	8.5	9.0	8.8	9.4
Freq. (MHz)	201.0	181.0	241.5	241.0
Limit (dB)	9.0	9.4	8.2	8.2



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: 69068-4

Date / Time: 10/08/2018 12:11:52 PM

Headroom 14.3 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

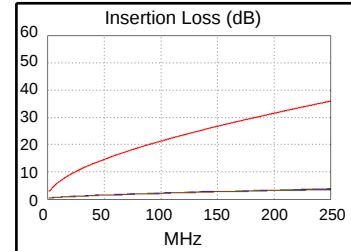
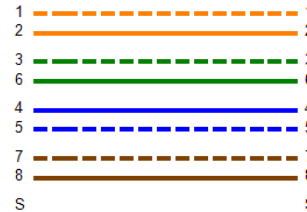
Length (ft), Limit 328	[Pair 12]	23
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	2.0
Insertion Loss Margin (dB)	[Pair 12]	32.2
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



23 ft

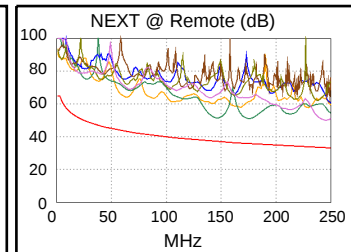
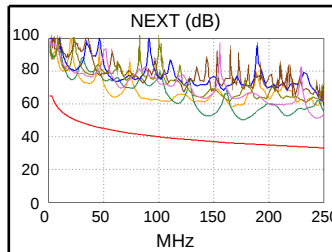


Wire Map (T568B)
PASS

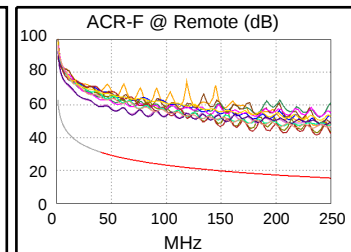
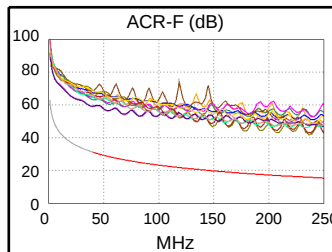


Worst Case Margin Worst Case Value

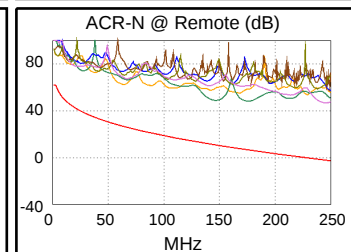
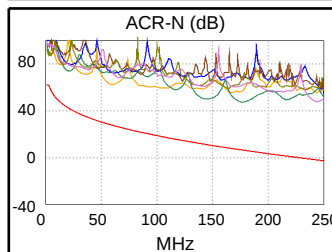
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	45-78
NEXT (dB)	14.5	14.3	14.5	16.8
Freq. (MHz)	176.5	145.5	176.5	245.0
Limit (dB)	35.7	37.2	35.7	33.3
Worst Pair	12	12	12	45
PS NEXT (dB)	16.9	16.8	16.9	19.0
Freq. (MHz)	176.0	145.5	176.0	248.0
Limit (dB)	32.8	34.3	32.8	30.2



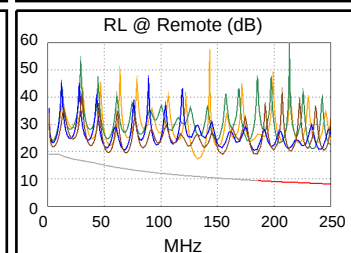
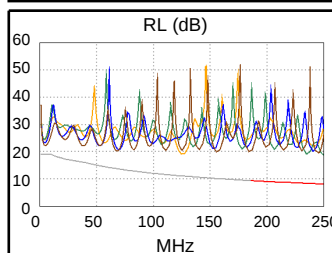
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	25.8	25.7	25.9	25.8
Freq. (MHz)	177.5	177.5	236.5	236.5
Limit (dB)	18.3	18.3	15.8	15.8
Worst Pair	45	36	45	36
PS ACR-F (dB)	27.2	27.4	27.8	27.4
Freq. (MHz)	177.5	237.0	236.5	237.0
Limit (dB)	15.3	12.8	12.8	12.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	45-78
ACR-N (dB)	26.4	26.2	40.9	49.0
Freq. (MHz)	2.3	3.1	176.5	245.0
Limit (dB)	61.9	61.2	6.4	-2.3
Worst Pair	36	36	12	45
PS ACR-N (dB)	25.9	25.9	43.3	51.3
Freq. (MHz)	3.3	2.8	176.0	249.0
Limit (dB)	58.4	58.6	3.5	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	78
RL (dB)	10.7	10.1	10.8	10.1
Freq. (MHz)	185.5	185.5	249.5	185.5
Limit (dB)	9.3	9.3	8.0	9.3



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: 69068-5

Date / Time: 10/08/2018 12:13:34 PM

Headroom 15.1 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

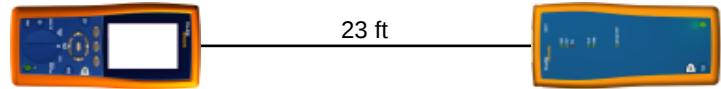
Main S/N: 3178039

Remote S/N: 3178046

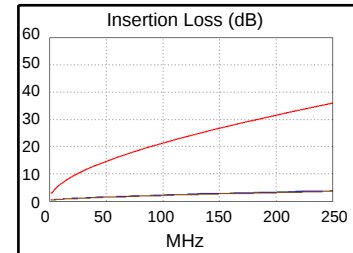
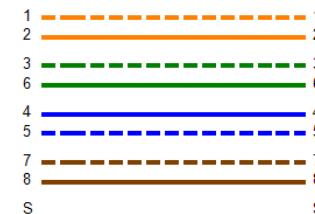
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	23
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 36]	2.0
Insertion Loss Margin (dB)	[Pair 36]	32.2
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

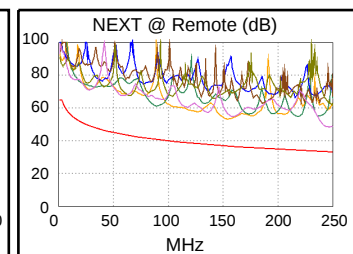
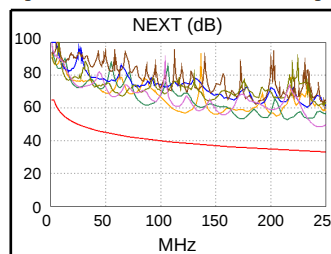


Wire Map (T568B)
PASS

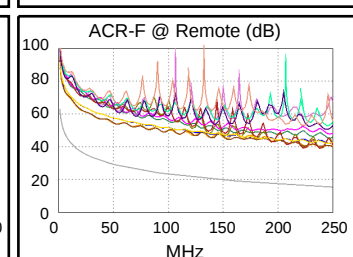
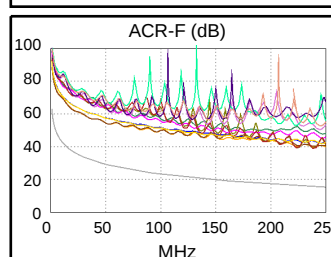


Worst Case Margin Worst Case Value

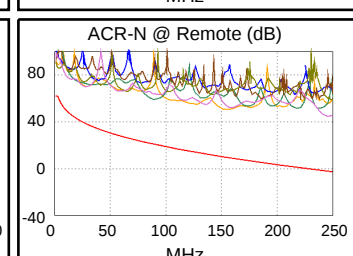
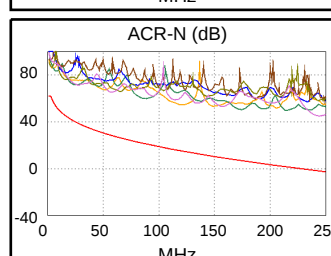
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	15.1	15.2	15.1	15.2
Freq. (MHz)	244.5	246.5	244.5	246.5
Limit (dB)	33.3	33.2	33.3	33.2
Worst Pair	45	45	45	45
PS NEXT (dB)	17.6	17.8	17.6	17.8
Freq. (MHz)	240.0	243.5	244.5	244.5
Limit (dB)	30.5	30.4	30.3	30.3



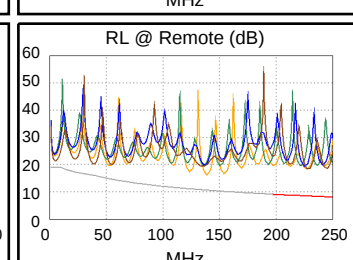
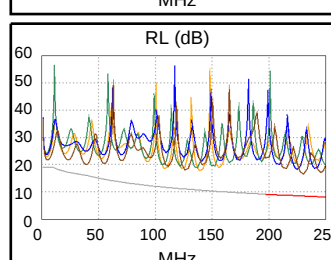
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	22.9	22.8	23.2	23.2
Freq. (MHz)	223.5	223.5	239.0	239.0
Limit (dB)	16.3	16.3	15.7	15.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	23.4	23.6	23.7	23.7
Freq. (MHz)	223.5	223.5	238.5	239.0
Limit (dB)	13.3	13.3	12.7	12.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	45-78	45-78
ACR-N (dB)	24.9	24.8	47.1	47.3
Freq. (MHz)	2.4	2.4	244.5	246.5
Limit (dB)	61.9	61.9	-2.2	-2.4
Worst Pair	36	36	45	45
PS ACR-N (dB)	25.0	25.8	49.5	49.7
Freq. (MHz)	3.3	2.5	244.5	244.5
Limit (dB)	58.4	58.8	-5.2	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
RL (dB)	8.1	9.8	8.1	9.8
Freq. (MHz)	229.5	226.5	229.5	226.5
Limit (dB)	8.4	8.4	8.4	8.4



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: 69068-6

Date / Time: 10/08/2018 12:14:02 PM

Headroom 11.8 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

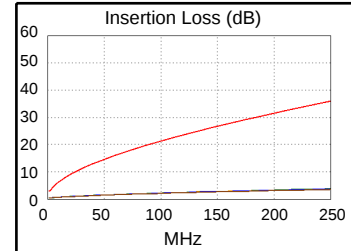
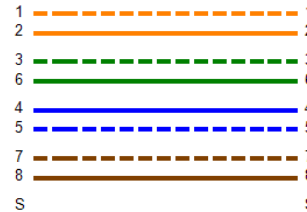
Length (ft), Limit 328	[Pair 12]	23
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	1.9
Insertion Loss Margin (dB)	[Pair 36]	32.2
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



23 ft

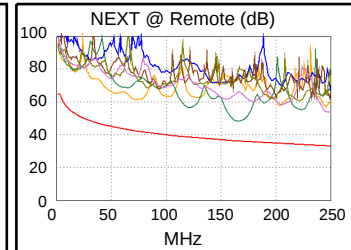
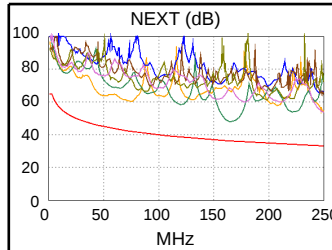


Wire Map (T568B)
PASS

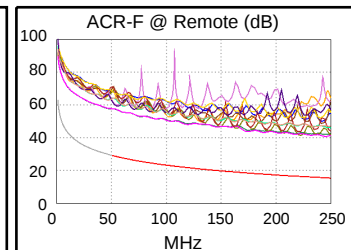
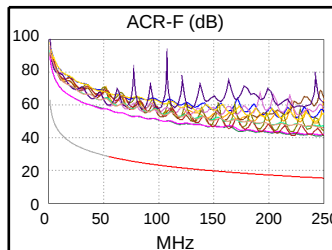


Worst Case Margin Worst Case Value

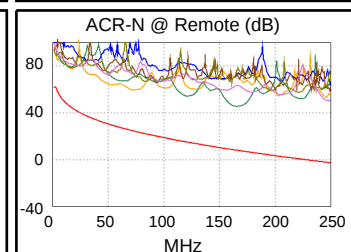
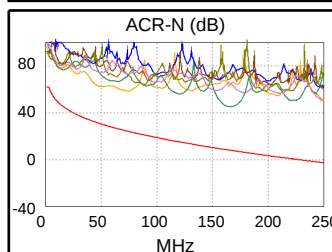
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	11.8	12.1	11.8	12.1
Freq. (MHz)	164.0	163.5	164.0	164.5
Limit (dB)	36.3	36.3	36.3	36.2
Worst Pair	12	45	12	45
PS NEXT (dB)	14.6	14.9	14.6	14.9
Freq. (MHz)	164.0	163.5	164.0	164.5
Limit (dB)	33.4	33.4	33.4	33.3



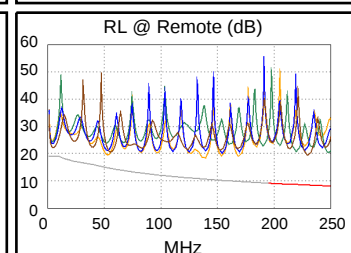
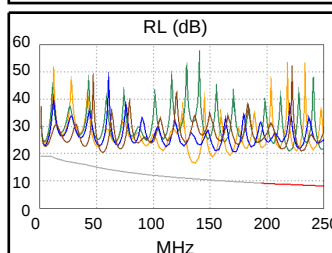
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-45	45-12
ACR-F (dB)	24.8	25.0	25.4	25.3
Freq. (MHz)	222.0	222.0	245.0	245.0
Limit (dB)	16.3	16.3	15.5	15.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	25.8	25.0	26.5	26.0
Freq. (MHz)	175.5	221.0	249.0	249.5
Limit (dB)	15.4	13.4	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	12-45	12-45
ACR-N (dB)	27.0	27.0	37.2	37.4
Freq. (MHz)	2.3	3.0	164.0	164.5
Limit (dB)	61.9	61.5	8.1	8.1
Worst Pair	36	36	12	45
PS ACR-N (dB)	26.6	27.3	40.0	40.2
Freq. (MHz)	3.0	3.9	164.0	164.5
Limit (dB)	58.5	56.8	5.2	5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	78	78
RL (dB)	12.3	11.0	12.3	11.0
Freq. (MHz)	219.5	229.5	230.5	229.5
Limit (dB)	8.6	8.4	8.4	8.4



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	