

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
FPC-6004-SO	PASS	ISO11801 Channel Class E	96 ft	2.9 dB (NEXT)	09/21/2023 03:07 <input type="checkbox"/>
UPC-6004-L/100	PASS	ISO11801 Channel Class E	83 ft	9.0 dB (NEXT)	09/21/2023 03:09 <input type="checkbox"/>
FPC-5004E-L/100	PASS	ISO11801 Channel Class D	67 ft	12.0 dB (NEXT)	09/21/2023 03:11 <input type="checkbox"/>
UPC-5004E-SO	PASS	ISO11801 Channel Class D	244 ft	12.1 dB (NEXT)	09/21/2023 03:12 <input type="checkbox"/>
UPC-5004E-SOL	PASS	ISO11801 Channel Class D	229 ft	5.2 dB (NEXT)	09/21/2023 03:13 <input type="checkbox"/>

Total Length:	719 ft
Number of Reports:	5
Number of Passing Reports:	5
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



**Cable ID: FPC-6004-SO**

Date / Time: 09/21/2023 03:07:54 □□

Headroom 2.9 dB (NEXT 45-78)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 FTP

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 70.0%

**Test Summary: PASS**

Model: DTX-1800

Main S/N: 2433075

Remote S/N: 2433076

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

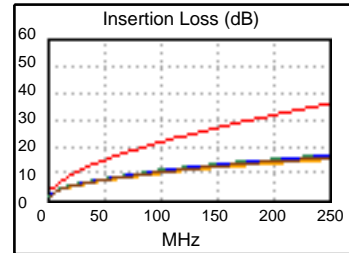
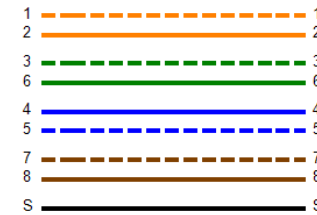
Length (ft)	[Pair 12]	96
Prop. Delay (ns), Limit 555	[Pair 45]	149
Delay Skew (ns), Limit 50	[Pair 45]	9
Resistance (ohms), Limit 25.0	[Pair 36]	19.0
Insertion Loss Margin (dB)	[Pair 36]	19.1
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



96 ft

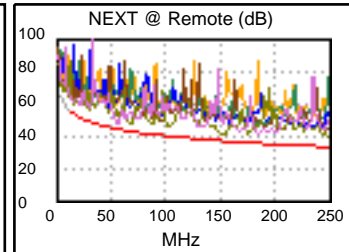
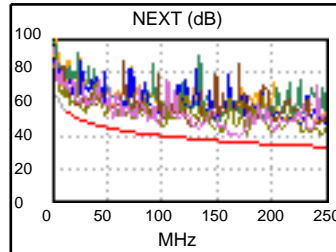


Wire Map (T568B)  
**PASS**

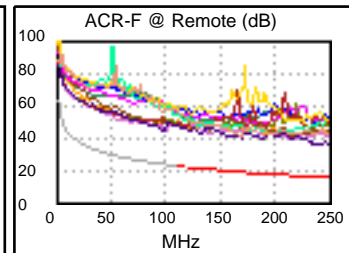
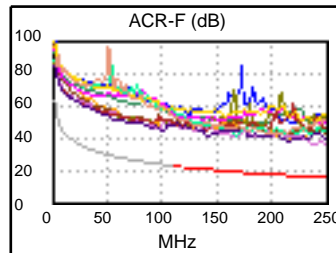


Worst Case Margin Worst Case Value

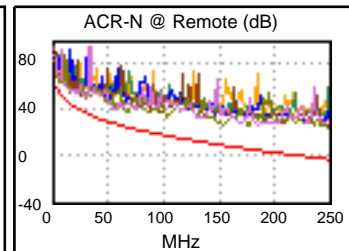
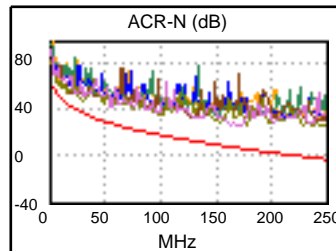
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-78	45-78	36-78
<b>NEXT (dB)</b>	2.9	3.2	2.9	6.6
Freq. (MHz)	170.0	153.5	170.0	250.0
Limit (dB)	36.0	36.8	36.0	33.1
Worst Pair	78	78	78	36
<b>PS NEXT (dB)</b>	5.3	4.5	5.3	8.0
Freq. (MHz)	169.5	54.8	169.5	250.0
Limit (dB)	33.1	41.6	33.1	30.2



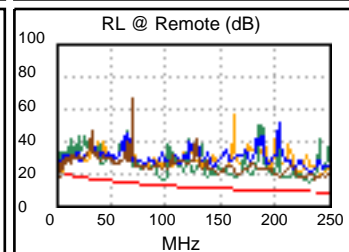
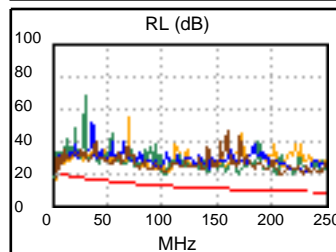
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	78-36	36-78	78-36
<b>ACR-F (dB)</b>	19.9	19.4	20.2	19.4
Freq. (MHz)	99.8	241.0	241.0	241.0
Limit (dB)	23.3	15.6	15.6	15.6
Worst Pair	36	36	78	36
<b>PS ACR-F (dB)</b>	21.3	22.4	22.5	22.4
Freq. (MHz)	140.0	241.5	237.0	241.5
Limit (dB)	17.3	12.6	12.8	12.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
<b>ACR-N (dB)</b>	9.2	8.4	27.5	26.5
Freq. (MHz)	6.9	3.3	244.5	250.0
Limit (dB)	53.8	60.5	-2.2	-2.8
Worst Pair	36	78	36	36
<b>PS ACR-N (dB)</b>	10.2	9.2	28.2	27.2
Freq. (MHz)	7.0	3.3	244.0	250.0
Limit (dB)	51.1	58.0	-5.1	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	36	36
<b>RL (dB)</b>	5.2	2.8	6.6	5.9
Freq. (MHz)	5.4	97.8	101.5	233.0
Limit (dB)	19.0	12.1	11.9	8.3



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: UPC-6004-L/100**

Date / Time: 09/21/2023 03:09:07

Headroom 9.0 dB (NEXT 12-45)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 UTP

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

**Test Summary: PASS**

Model: DTX-1800

Main S/N: 2433075

Remote S/N: 2433076

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

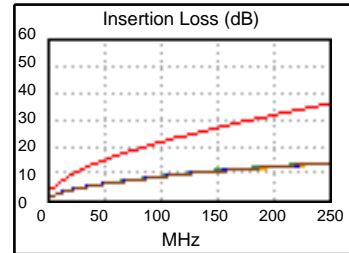
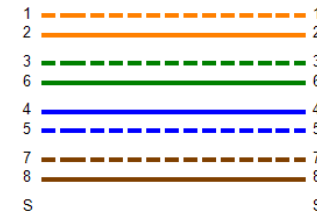
Length (ft)	[Pair 78]	83
Prop. Delay (ns), Limit 555	[Pair 36]	127
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms), Limit 25.0	[Pair 78]	12.3
Insertion Loss Margin (dB)	[Pair 36]	21.9
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



83 ft

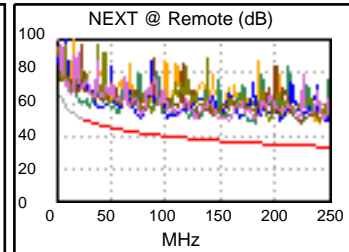
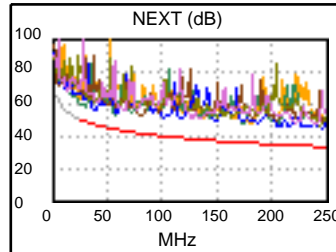


Wire Map (T568B)  
**PASS**

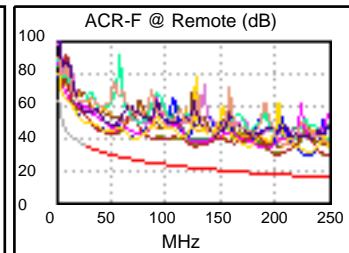
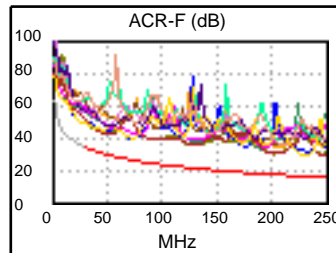


Worst Case Margin Worst Case Value

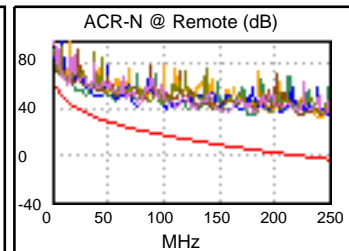
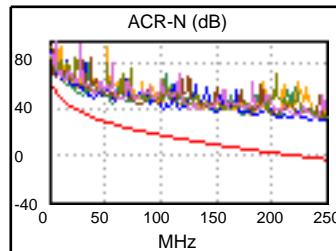
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-36
<b>NEXT (dB)</b>	9.0	9.1	11.2	14.0
Freq. (MHz)	28.4	29.6	247.5	238.0
Limit (dB)	49.1	48.8	33.2	33.5
Worst Pair	12	78	78	45
<b>PS NEXT (dB)</b>	10.1	9.4	12.0	13.5
Freq. (MHz)	23.9	76.3	242.5	224.0
Limit (dB)	47.7	39.1	30.4	31.0



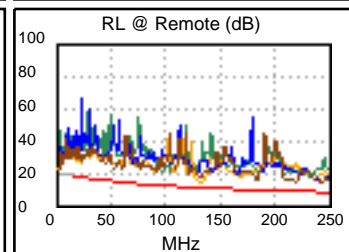
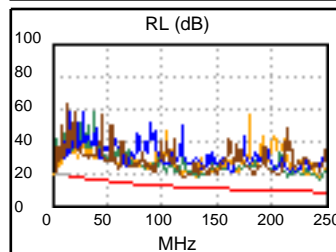
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	78-12	12-78
<b>ACR-F (dB)</b>	12.7	12.6	13.1	13.0
Freq. (MHz)	44.5	200.5	232.0	231.5
Limit (dB)	30.3	17.2	15.9	16.0
Worst Pair	36	12	36	45
<b>PS ACR-F (dB)</b>	14.4	14.6	15.5	16.3
Freq. (MHz)	49.5	70.8	249.5	249.0
Limit (dB)	26.4	23.3	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	12-78	12-36
<b>ACR-N (dB)</b>	11.5	12.9	33.3	35.2
Freq. (MHz)	4.0	3.5	247.5	238.0
Limit (dB)	58.9	60.0	-2.5	-1.5
Worst Pair	36	36	78	36
<b>PS ACR-N (dB)</b>	11.4	11.2	33.6	35.6
Freq. (MHz)	3.5	3.5	242.5	242.0
Limit (dB)	57.5	57.5	-4.9	-4.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	36	12
<b>RL (dB)</b>	6.2	3.0	7.7	3.0
Freq. (MHz)	117.5	132.5	244.5	132.5
Limit (dB)	11.3	10.8	8.1	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: FPC-5004E-L/100**

Date / Time: 09/21/2023 03:11:03 □□

Headroom 12.0 dB (NEXT 12-78)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e FTP

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

**Test Summary: PASS**

Model: DTX-1800

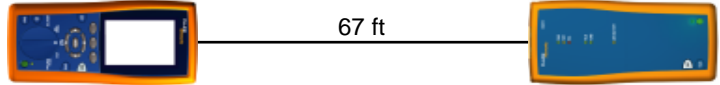
Main S/N: 2433075

Remote S/N: 2433076

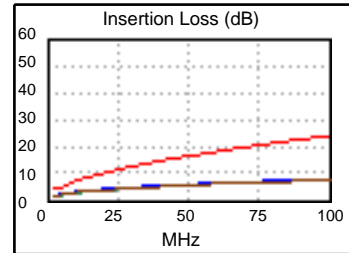
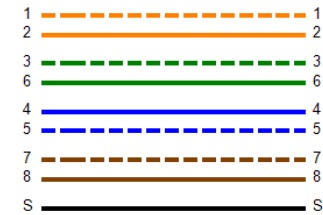
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	67
Prop. Delay (ns), Limit 555	[Pair 45]	106
Delay Skew (ns), Limit 50	[Pair 45]	7
Resistance (ohms), Limit 25.0	[Pair 36]	14.2
Insertion Loss Margin (dB)	[Pair 45]	16.1
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

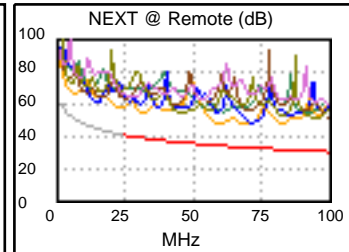
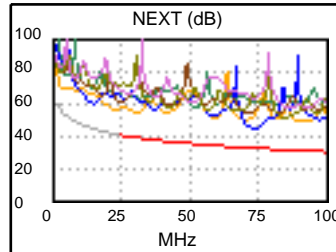


Wire Map (T568B)  
**PASS**

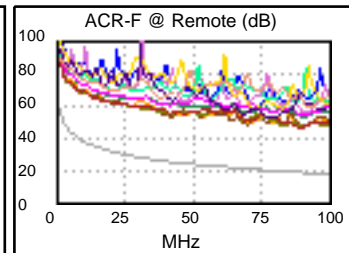
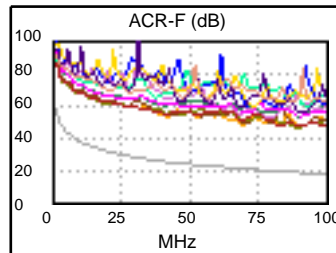


Worst Case Margin Worst Case Value

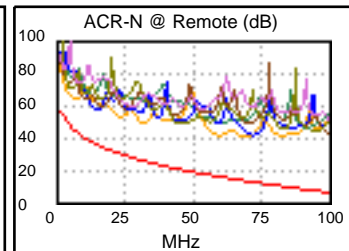
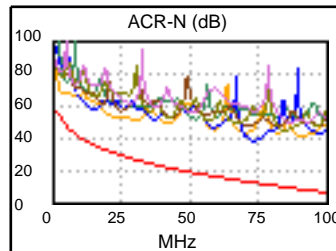
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-36	12-78	12-36
<b>NEXT (dB)</b>	12.0	13.8	12.0	14.0
Freq. (MHz)	73.3	59.5	73.3	69.3
Limit (dB)	32.4	34.0	32.4	32.8
Worst Pair	12	12	12	12
<b>PS NEXT (dB)</b>	14.2	14.9	14.2	14.9
Freq. (MHz)	72.8	70.5	73.3	70.5
Limit (dB)	29.5	29.7	29.4	29.7



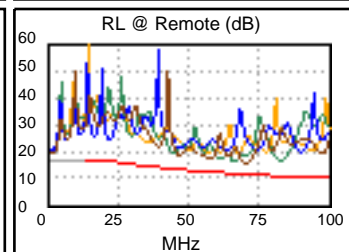
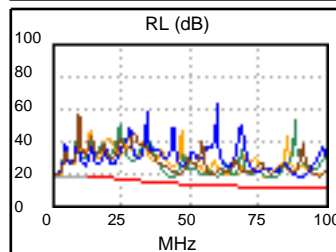
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	36-45	45-36
<b>ACR-F (dB)</b>	27.5	27.6	27.9	28.1
Freq. (MHz)	70.0	70.0	90.0	90.0
Limit (dB)	20.5	20.5	18.3	18.3
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	28.5	28.3	28.5	28.3
Freq. (MHz)	69.5	90.3	90.3	90.3
Limit (dB)	17.6	15.3	15.3	15.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-78	12-36
<b>ACR-N (dB)</b>	16.4	18.5	25.8	27.1
Freq. (MHz)	2.8	4.4	73.3	69.3
Limit (dB)	52.2	48.2	12.1	13.2
Worst Pair	36	36	12	12
<b>PS ACR-N (dB)</b>	18.5	19.8	28.0	28.4
Freq. (MHz)	2.5	4.0	73.3	70.5
Limit (dB)	49.9	46.0	9.1	9.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	78
<b>RL (dB)</b>	3.9	3.6	5.5	3.6
Freq. (MHz)	43.5	70.3	80.0	70.3
Limit (dB)	13.6	11.5	11.0	11.5



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



**Cable ID: UPC-5004E-SO**

Date / Time: 09/21/2023 03:12:40 □□

Headroom 12.1 dB (NEXT 12-45)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e UTP

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

**Test Summary: PASS**

Model: DTX-1800

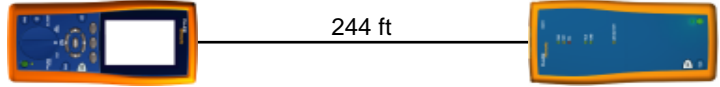
Main S/N: 2433075

Remote S/N: 2433076

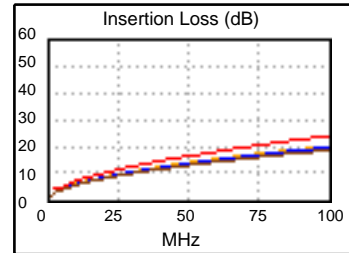
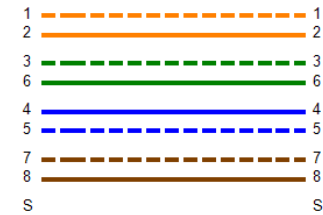
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	244
Prop. Delay (ns), Limit 555	[Pair 36]	374
Delay Skew (ns), Limit 50	[Pair 36]	15
Resistance (ohms), Limit 25.0	[Pair 12]	23.3
Insertion Loss Margin (dB)	[Pair 12]	4.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

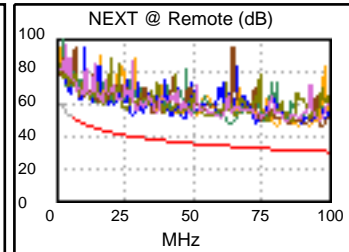
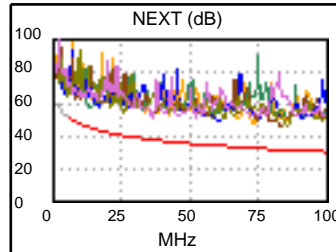


Wire Map (T568B)  
**PASS**

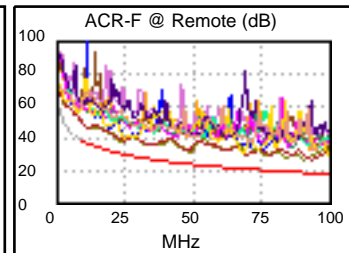
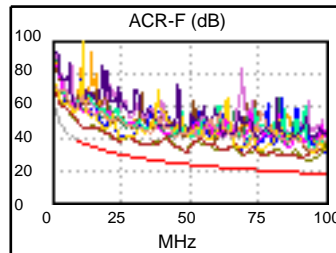


Worst Case Margin Worst Case Value

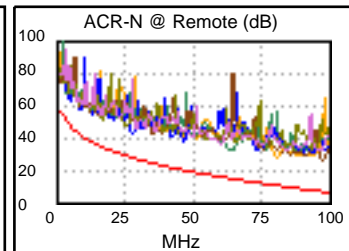
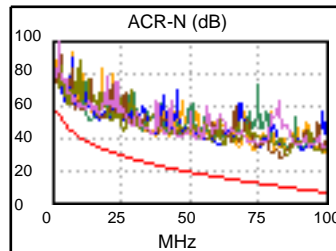
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-78	36-45	36-45
<b>NEXT (dB)</b>	12.1	12.9	13.4	15.5
Freq. (MHz)	13.3	27.3	83.5	97.8
Limit (dB)	45.0	39.7	31.4	30.2
Worst Pair	12	12	36	12
<b>PS NEXT (dB)</b>	13.6	14.5	15.2	15.5
Freq. (MHz)	4.5	8.3	85.5	89.3
Limit (dB)	49.7	45.4	28.3	27.9



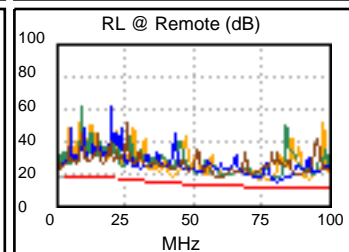
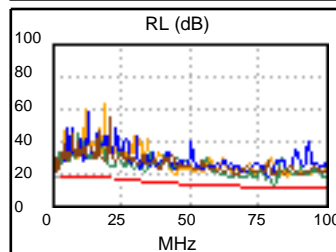
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	36-45
<b>ACR-F (dB)</b>	6.8	6.6	8.1	8.1
Freq. (MHz)	48.5	48.5	93.5	91.0
Limit (dB)	23.7	23.7	18.0	18.2
Worst Pair	36	45	45	36
<b>PS ACR-F (dB)</b>	9.3	9.3	10.1	10.1
Freq. (MHz)	48.5	48.5	93.5	93.5
Limit (dB)	20.7	20.7	15.0	15.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-78	36-45	36-45
<b>ACR-N (dB)</b>	13.5	15.3	17.3	19.8
Freq. (MHz)	13.3	4.6	83.5	97.8
Limit (dB)	36.7	47.6	9.7	6.5
Worst Pair	12	12	36	12
<b>PS ACR-N (dB)</b>	13.9	15.2	19.5	19.2
Freq. (MHz)	4.3	4.0	85.5	89.3
Limit (dB)	45.4	46.0	6.2	5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
<b>RL (dB)</b>	1.7	3.5	1.7	3.5
Freq. (MHz)	81.3	81.0	81.3	81.0
Limit (dB)	10.9	10.9	10.9	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: UPC-5004E-SOL**

Date / Time: 09/21/2023 03:13:53 □□

Headroom 5.2 dB (NEXT 45-78)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e UTP

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

**Test Summary: PASS**

Model: DTX-1800

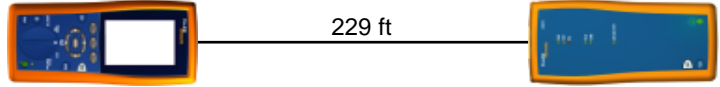
Main S/N: 2433075

Remote S/N: 2433076

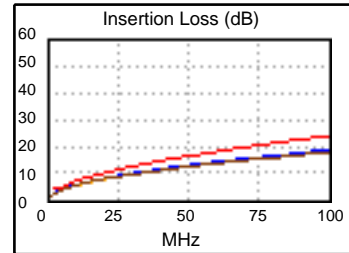
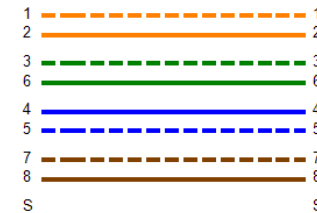
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	229
Prop. Delay (ns), Limit 555	[Pair 36]	348
Delay Skew (ns), Limit 50	[Pair 36]	11
Resistance (ohms), Limit 25.0	[Pair 36]	21.4
Insertion Loss Margin (dB)	[Pair 45]	4.9
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

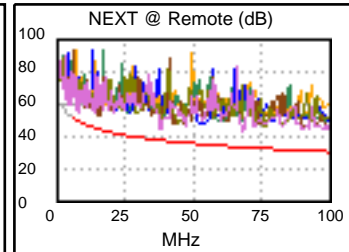
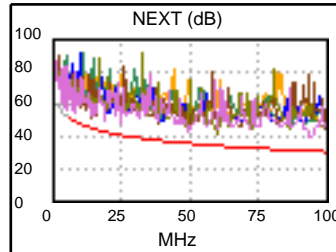


Wire Map (T568B)  
**PASS**

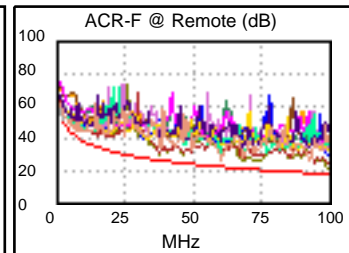
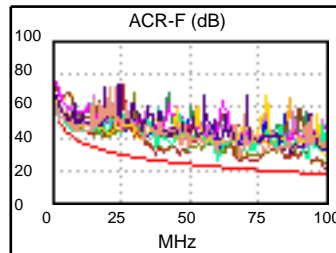


Worst Case Margin Worst Case Value

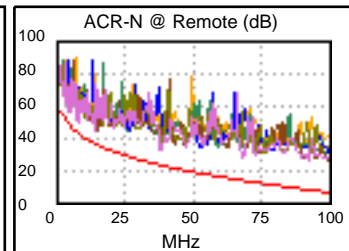
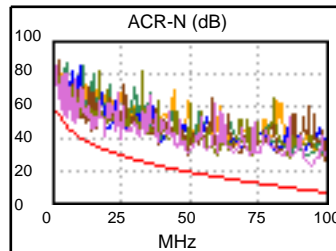
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
<b>NEXT (dB)</b>	5.5	5.2	8.0	9.3
Freq. (MHz)	8.3	8.3	95.0	68.5
Limit (dB)	48.4	48.4	30.5	32.9
Worst Pair	45	45	45	45
<b>PS NEXT (dB)</b>	6.4	6.8	10.4	13.1
Freq. (MHz)	13.6	38.0	95.0	92.8
Limit (dB)	41.8	34.3	27.5	27.6



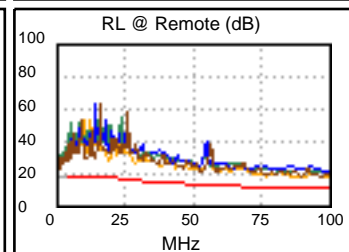
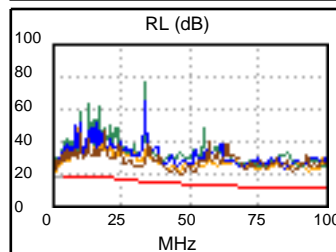
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	3.5	2.9	3.5	2.9
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	17.4	17.4	17.4	17.4
Worst Pair	78	78	36	45
<b>PS ACR-F (dB)</b>	4.9	4.7	6.3	6.4
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	36-45
<b>ACR-N (dB)</b>	3.8	6.1	14.3	19.1
Freq. (MHz)	3.5	3.5	95.0	100.0
Limit (dB)	50.2	50.2	7.1	6.1
Worst Pair	78	78	45	45
<b>PS ACR-N (dB)</b>	4.9	7.7	15.3	19.4
Freq. (MHz)	3.5	3.5	95.0	100.0
Limit (dB)	47.2	47.2	4.1	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
<b>RL (dB)</b>	5.5	6.6	5.5	6.8
Freq. (MHz)	46.5	86.8	46.5	97.0
Limit (dB)	13.3	10.6	13.3	10.1



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	