

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
FPC-5004E-SOL	PASS	ISO11801 Channel Class D	171 ft	5.6 dB (NEXT)	03/27/2023 02:01 <input type="checkbox"/>
FPC-6004-L/100	PASS	ISO11801 Channel Class E	92 ft	2.8 dB (NEXT)	03/27/2023 02:03 <input type="checkbox"/>
FPC-6004-SOL/100	PASS	ISO11801 Channel Class E	92 ft	3.1 dB (NEXT)	03/27/2023 02:06 <input type="checkbox"/>
UPC-5004E-L/100	PASS	ISO11801 Channel Class D	80 ft	7.1 dB (NEXT)	03/27/2023 02:08 <input type="checkbox"/>
UPC-5004E-SO-LSZH	PASS	ISO11801 Channel Class D	248 ft	10.4 dB (NEXT)	03/27/2023 02:19 <input type="checkbox"/>
UPC-5004E-SOL	PASS	ISO11801 Channel Class D	240 ft	10.2 dB (NEXT)	03/27/2023 01:56 <input type="checkbox"/>
UPC-5004E-SOL-B	PASS	ISO11801 Channel Class D	240 ft	10.1 dB (NEXT)	03/27/2023 02:11 <input type="checkbox"/>
UPC-5004E-SOL-R	PASS	ISO11801 Channel Class D	240 ft	10.2 dB (NEXT)	03/27/2023 02:13 <input type="checkbox"/>
UPC-6004SE-L	PASS	ISO11801 Channel Class E	91 ft	2.9 dB (NEXT)	03/27/2023 01:53 <input type="checkbox"/>
UPC-6004SE-SOL	PASS	ISO11801 Channel Class E	90 ft	3.0 dB (NEXT)	03/27/2023 02:20 <input type="checkbox"/>
UPC-6004SE-SOL/100	PASS	ISO11801 Channel Class E	90 ft	3.1 dB (NEXT)	03/27/2023 02:23 <input type="checkbox"/>

Total Length:	1674 ft
Number of Reports:	11
Number of Passing Reports:	11
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



**Cable ID: FPC-5004E-SOL**

Date / Time: 03/27/2023 02:01:33 □□

Headroom 5.6 dB (NEXT 12-45)

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

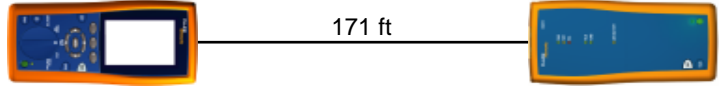
Main S/N: 2433075

Remote S/N: 2433076

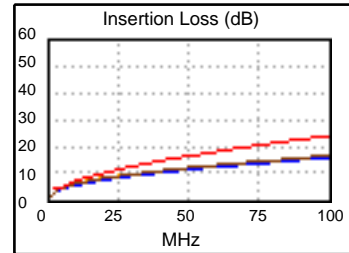
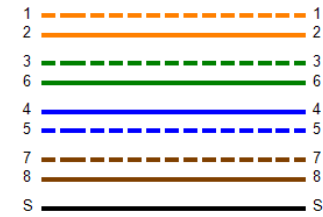
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	171
Prop. Delay (ns), Limit 555	[Pair 36]	264
Delay Skew (ns), Limit 50	[Pair 36]	12
Resistance (ohms), Limit 25.0	[Pair 45]	24.3
Insertion Loss Margin (dB)	[Pair 78]	7.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

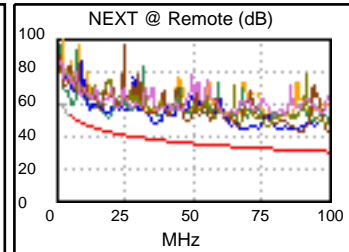
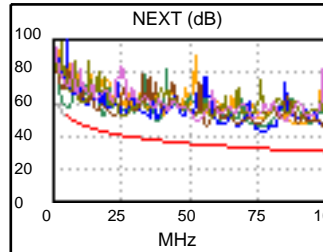


Wire Map (T568B)  
**PASS**

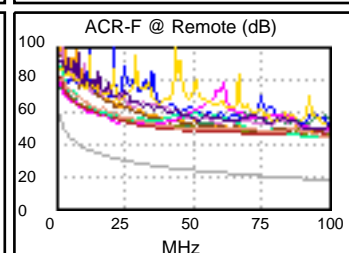
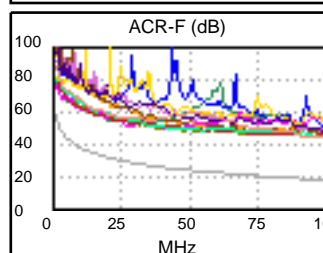


Worst Case Margin Worst Case Value

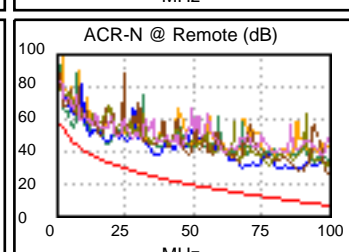
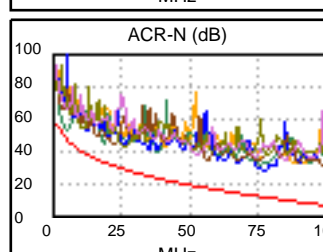
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	36-45
<b>NEXT (dB)</b>	5.6	7.4	9.6	10.7
Freq. (MHz)	4.5	5.4	77.5	89.5
Limit (dB)	52.7	51.4	32.0	30.9
Worst Pair	45	12	12	36
<b>PS NEXT (dB)</b>	8.3	9.9	11.1	14.1
Freq. (MHz)	4.5	18.4	77.5	100.0
Limit (dB)	49.7	39.6	29.0	27.1



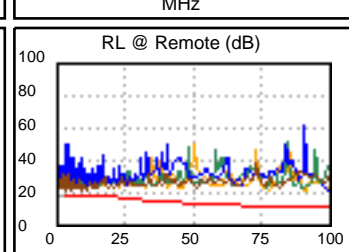
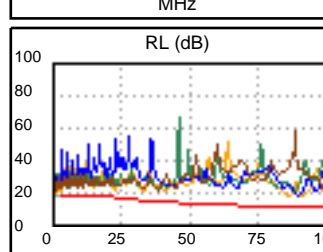
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	45-12	36-45	45-36
<b>ACR-F (dB)</b>	22.7	22.7	25.9	26.1
Freq. (MHz)	27.3	21.5	100.0	100.0
Limit (dB)	28.7	30.8	17.4	17.4
Worst Pair	45	45	45	36
<b>PS ACR-F (dB)</b>	23.1	22.5	26.2	26.5
Freq. (MHz)	22.6	27.4	100.0	100.0
Limit (dB)	27.3	25.7	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	36-45
<b>ACR-N (dB)</b>	6.4	8.3	15.9	19.9
Freq. (MHz)	4.4	5.4	77.5	100.0
Limit (dB)	48.2	46.2	11.1	6.1
Worst Pair	12	12	12	36
<b>PS ACR-N (dB)</b>	8.6	10.2	18.0	22.2
Freq. (MHz)	4.4	5.5	77.5	100.0
Limit (dB)	45.2	43.0	8.1	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	12
<b>RL (dB)</b>	3.5	3.6	6.6	10.2
Freq. (MHz)	2.6	4.6	91.8	91.5
Limit (dB)	17.0	17.0	10.4	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: FPC-6004-L/100**

Date / Time: 03/27/2023 02:03:30 □□

Headroom 2.8 dB (NEXT 12-78)

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

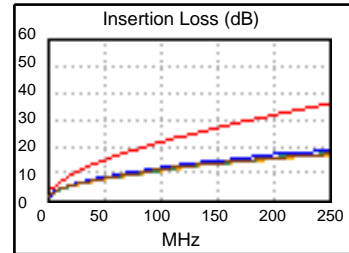
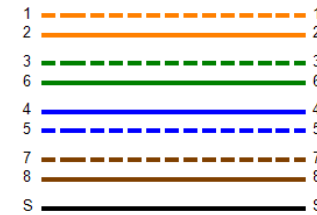
Length (ft)	[Pair 78]	92
Prop. Delay (ns), Limit 555	[Pair 45]	142
Delay Skew (ns), Limit 50	[Pair 45]	8
Resistance (ohms), Limit 25.0	[Pair 78]	19.5
Insertion Loss Margin (dB)	[Pair 45]	17.4
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



92 ft

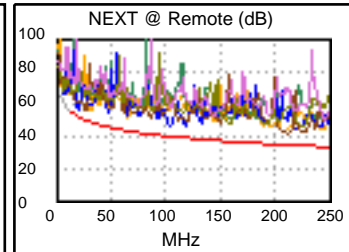
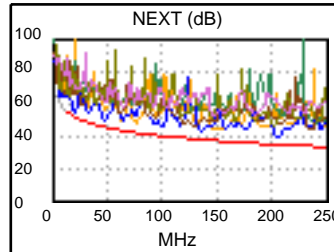


Wire Map (T568B)  
**PASS**

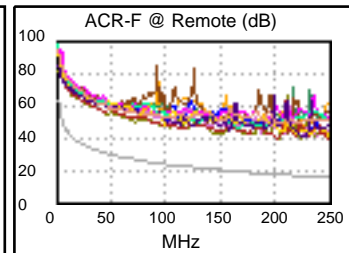
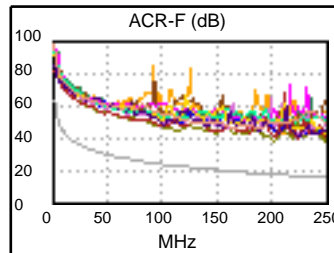


Worst Case Margin Worst Case Value

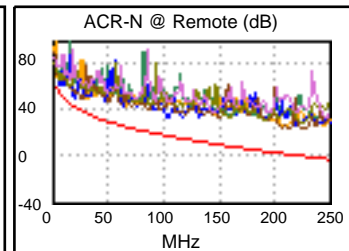
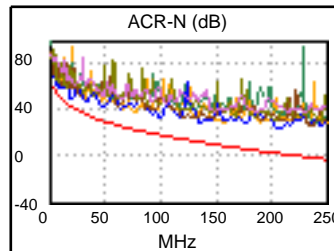
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
<b>NEXT (dB)</b>	2.8	4.4	5.0	6.3
Freq. (MHz)	19.1	19.1	206.5	213.5
Limit (dB)	52.0	52.0	34.5	34.3
Worst Pair	78	12	12	36
<b>PS NEXT (dB)</b>	5.3	6.9	7.5	7.9
Freq. (MHz)	18.9	19.1	206.5	212.5
Limit (dB)	49.4	49.3	31.6	31.4



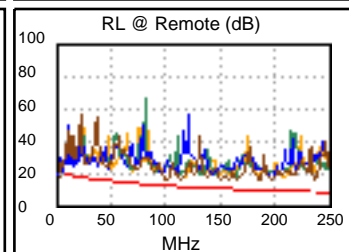
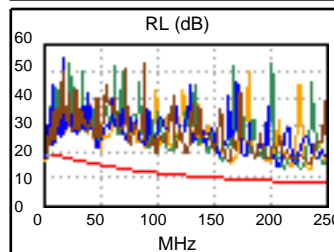
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-F (dB)</b>	21.0	21.7	22.6	21.7
Freq. (MHz)	204.0	204.0	250.0	204.0
Limit (dB)	17.1	17.1	15.3	17.1
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	23.2	23.3	23.2	23.7
Freq. (MHz)	226.0	204.0	226.0	219.5
Limit (dB)	13.2	14.1	13.2	13.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
<b>ACR-N (dB)</b>	5.1	6.7	21.3	21.9
Freq. (MHz)	5.6	5.6	206.5	213.5
Limit (dB)	55.7	55.7	2.3	1.4
Worst Pair	78	78	78	36
<b>PS ACR-N (dB)</b>	6.5	7.2	23.9	25.9
Freq. (MHz)	5.8	5.6	206.0	227.5
Limit (dB)	53.0	53.2	-0.6	-3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	12	78
<b>RL (dB)</b>	3.4	2.3	4.2	3.1
Freq. (MHz)	4.8	4.8	234.5	100.5
Limit (dB)	19.0	19.0	8.3	12.0



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: FPC-6004-SOL/100**

Date / Time: 03/27/2023 02:06:50 □□

Headroom 3.1 dB (NEXT 12-78)

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

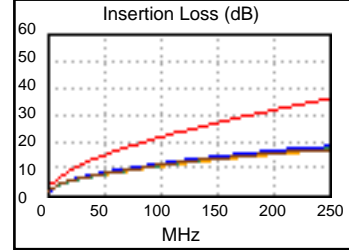
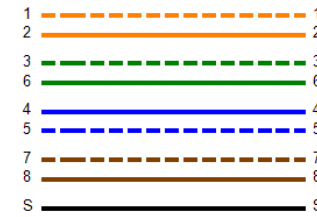
Length (ft)	[Pair 12]	92
Prop. Delay (ns), Limit 555	[Pair 45]	141
Delay Skew (ns), Limit 50	[Pair 45]	8
Resistance (ohms), Limit 25.0	[Pair 78]	19.1
Insertion Loss Margin (dB)	[Pair 45]	17.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



92 ft

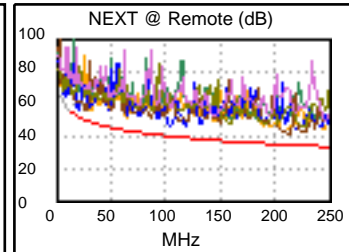
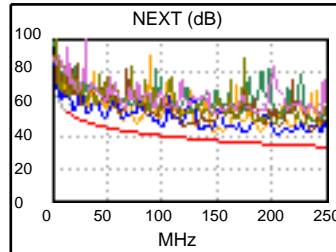


Wire Map (T568B)  
**PASS**

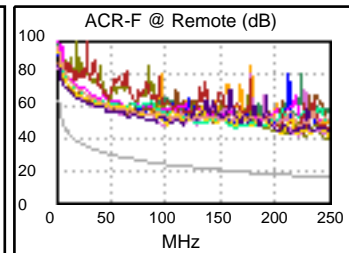
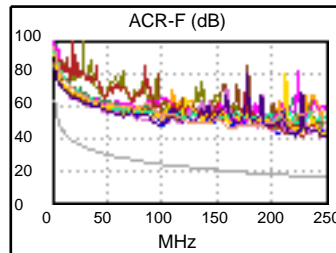


Worst Case Margin Worst Case Value

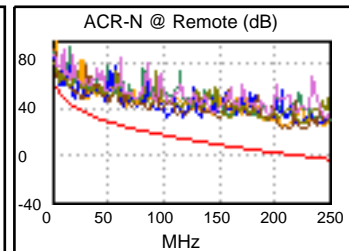
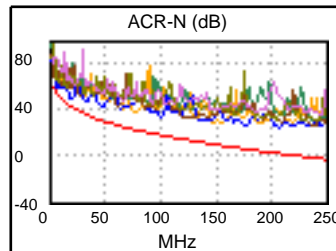
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
<b>NEXT (dB)</b>	3.1	4.6	6.3	6.4
Freq. (MHz)	18.6	19.1	205.5	213.5
Limit (dB)	52.1	52.0	34.6	34.3
Worst Pair	78	12	12	36
<b>PS NEXT (dB)</b>	5.5	7.1	9.8	7.8
Freq. (MHz)	18.6	18.9	245.5	213.0
Limit (dB)	49.5	49.4	30.3	31.4



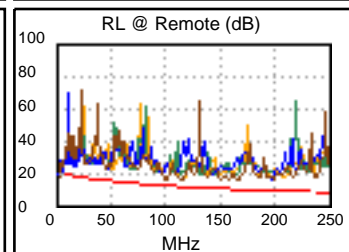
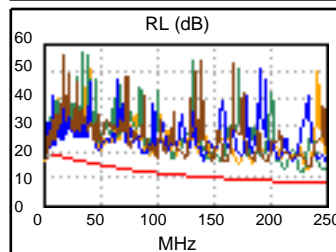
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	23.6	23.7	23.6	24.0
Freq. (MHz)	228.5	228.5	228.5	248.5
Limit (dB)	16.1	16.1	16.1	15.4
Worst Pair	36	36	36	78
<b>PS ACR-F (dB)</b>	24.5	25.5	24.8	25.6
Freq. (MHz)	226.5	217.0	250.0	250.0
Limit (dB)	13.2	13.5	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	4.6	6.2	26.6	22.3
Freq. (MHz)	5.4	5.5	238.0	214.0
Limit (dB)	56.1	55.9	-1.5	1.3
Worst Pair	78	78	12	36
<b>PS ACR-N (dB)</b>	6.1	6.6	28.9	25.9
Freq. (MHz)	5.8	5.5	245.5	227.5
Limit (dB)	53.0	53.4	-5.3	-3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	36	78
<b>RL (dB)</b>	2.9	2.6	3.8	5.5
Freq. (MHz)	8.4	5.0	228.5	165.5
Limit (dB)	19.0	19.0	8.4	9.8



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: UPC-5004E-L/100**

Date / Time: 03/27/2023 02:08:23 □□

Headroom 7.1 dB (NEXT 12-78)

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

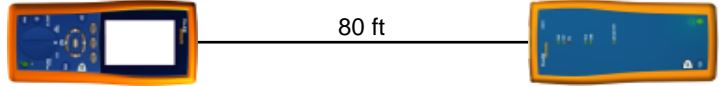
Main S/N: 2433075

Remote S/N: 2433076

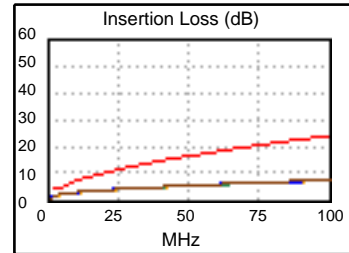
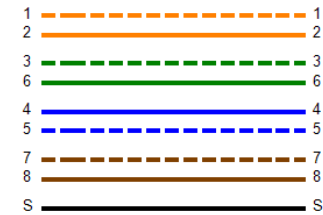
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 12]	80
Prop. Delay (ns), Limit 555	[Pair 36]	123
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms), Limit 25.0	[Pair 45]	15.7
Insertion Loss Margin (dB)	[Pair 45]	16.5
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

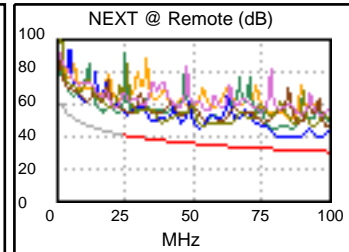
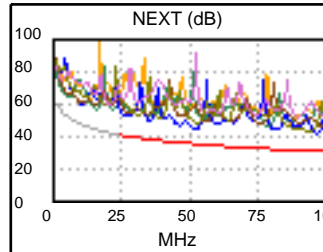


Wire Map (T568B)  
**PASS**

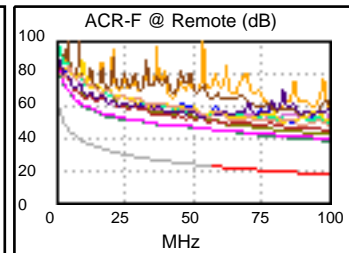
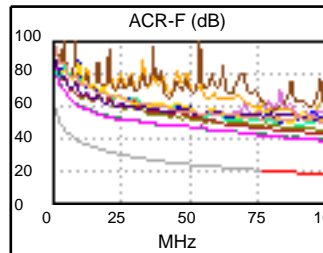


Worst Case Margin Worst Case Value

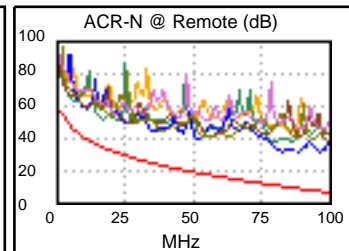
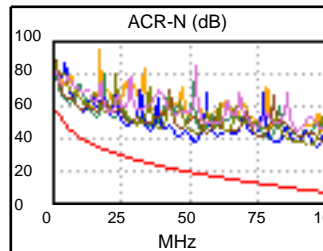
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
<b>NEXT (dB)</b>	8.7	7.1	11.4	7.1
Freq. (MHz)	51.8	82.5	96.8	82.5
Limit (dB)	35.0	31.5	30.3	31.5
Worst Pair	78	12	78	12
<b>PS NEXT (dB)</b>	10.5	9.2	12.6	9.2
Freq. (MHz)	52.0	82.0	95.8	82.0
Limit (dB)	32.0	28.6	27.4	28.6



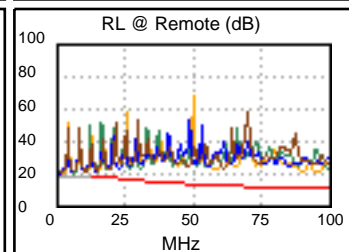
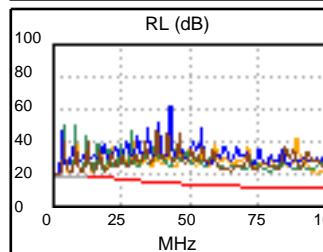
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
<b>ACR-F (dB)</b>	20.6	20.5	20.8	20.6
Freq. (MHz)	87.0	87.0	99.5	100.0
Limit (dB)	18.6	18.6	17.4	17.4
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	23.1	22.1	23.2	22.3
Freq. (MHz)	86.0	93.8	100.0	99.8
Limit (dB)	15.7	15.0	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-78
<b>ACR-N (dB)</b>	15.2	17.2	27.6	24.8
Freq. (MHz)	3.8	5.1	96.8	96.8
Limit (dB)	49.6	46.7	6.7	6.7
Worst Pair	45	45	78	12
<b>PS ACR-N (dB)</b>	15.7	18.1	28.7	25.2
Freq. (MHz)	3.9	4.1	95.8	87.0
Limit (dB)	46.3	45.7	4.0	5.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
<b>RL (dB)</b>	3.5	3.4	9.5	9.7
Freq. (MHz)	14.6	14.6	96.3	95.8
Limit (dB)	17.0	17.0	10.2	10.2



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: UPC-5004E-SO-LSZH**

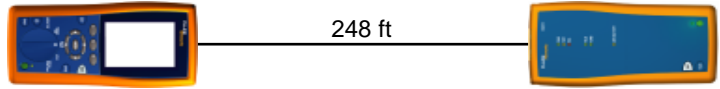
Date / Time: 03/27/2023 02:19:44 □□  
**Headroom 10.4 dB (NEXT 12-78)**  
**Test Limit: ISO11801 Channel Class D**  
 Cable Type: Cat 5e UTP

Operator: JACK  
 Software Version: 2.7400  
 Limits Version: 1.9300  
 NVP: 69.0%

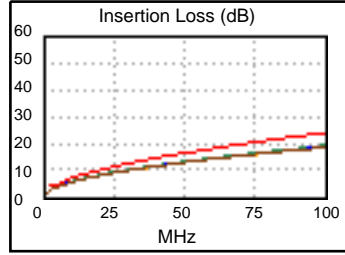
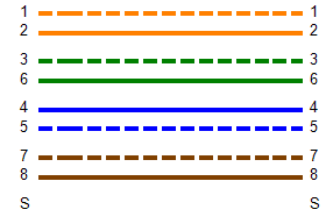
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 2433075  
 Remote S/N: 2433076  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	248
Prop. Delay (ns), Limit 555	[Pair 36]	376
Delay Skew (ns), Limit 50	[Pair 36]	11
Resistance (ohms), Limit 25.0	[Pair 78]	23.3
Insertion Loss Margin (dB)	[Pair 36]	4.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

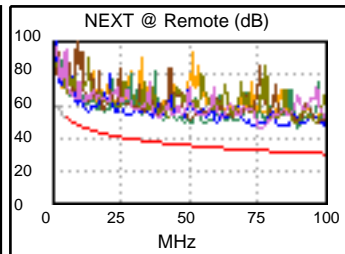
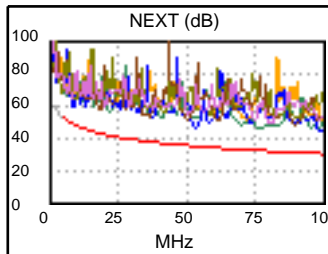


Wire Map (T568B)  
**PASS**

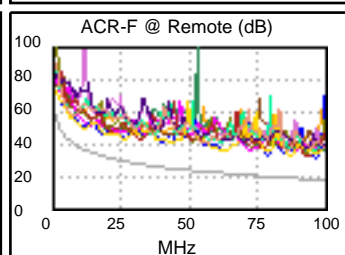
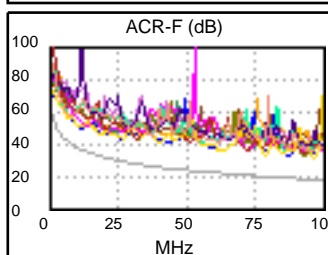


Worst Case Margin Worst Case Value

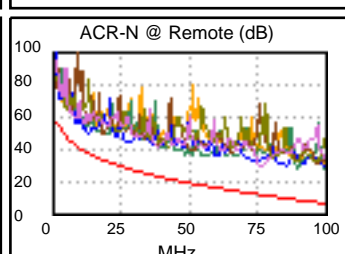
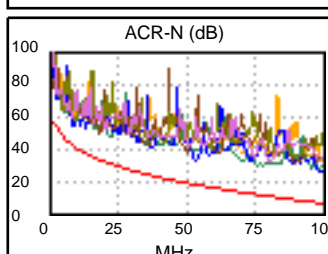
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-45
<b>NEXT (dB)</b>	11.1	10.4	14.6	14.6
Freq. (MHz)	8.4	12.9	98.5	90.3
Limit (dB)	48.3	45.2	30.2	30.8
Worst Pair	12	12	12	12
<b>PS NEXT (dB)</b>	12.5	11.9	14.9	15.9
Freq. (MHz)	8.5	12.9	99.3	100.0
Limit (dB)	45.2	42.2	27.1	27.1



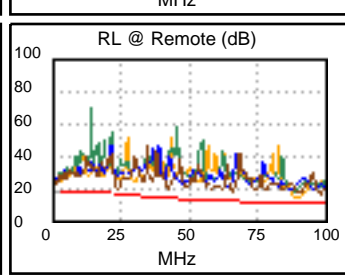
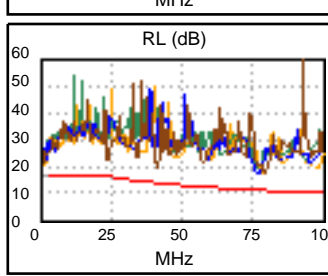
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	78-12	12-78
<b>ACR-F (dB)</b>	13.0	12.9	13.0	13.1
Freq. (MHz)	10.4	10.6	97.0	97.0
Limit (dB)	37.1	36.9	17.7	17.7
Worst Pair	12	12	12	78
<b>PS ACR-F (dB)</b>	14.6	14.3	15.4	14.8
Freq. (MHz)	18.5	10.9	97.3	96.8
Limit (dB)	29.1	33.7	14.6	14.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-45
<b>ACR-N (dB)</b>	12.5	12.1	19.8	19.6
Freq. (MHz)	8.3	12.9	98.8	90.3
Limit (dB)	41.9	37.0	6.3	8.1
Worst Pair	12	12	12	12
<b>PS ACR-N (dB)</b>	13.9	13.6	20.0	21.0
Freq. (MHz)	8.5	12.9	99.3	100.0
Limit (dB)	38.6	34.0	3.2	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	12
<b>RL (dB)</b>	5.7	3.2	5.9	3.7
Freq. (MHz)	23.6	23.5	77.0	89.8
Limit (dB)	16.3	16.3	11.1	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



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

Date / Time: 03/27/2023 01:56:08 □□

Headroom 10.2 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

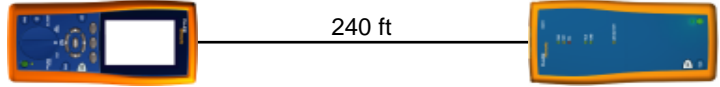
Main S/N: 2433075

Remote S/N: 2433076

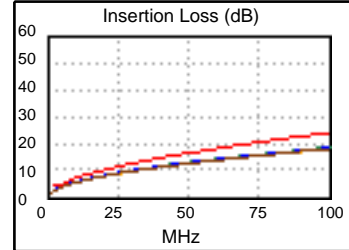
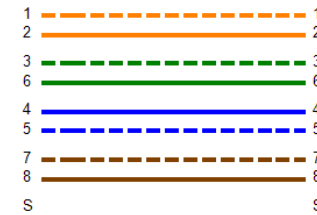
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	240
Prop. Delay (ns), Limit 555	[Pair 36]	365
Delay Skew (ns), Limit 50	[Pair 36]	12
Resistance (ohms), Limit 25.0	[Pair 36]	22.5
Insertion Loss Margin (dB)	[Pair 36]	5.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

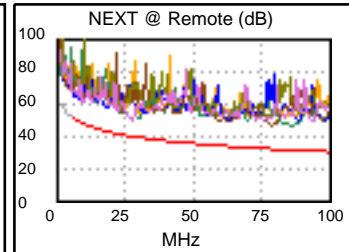
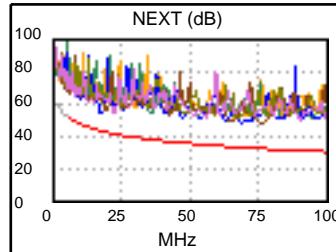


Wire Map (T568B)  
**PASS**

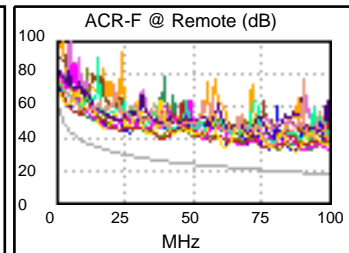
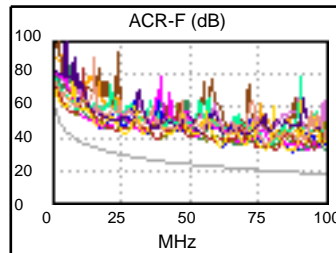


Worst Case Margin Worst Case Value

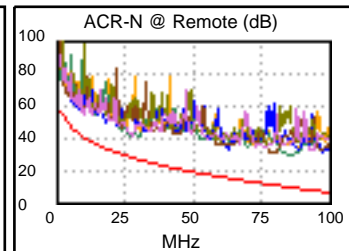
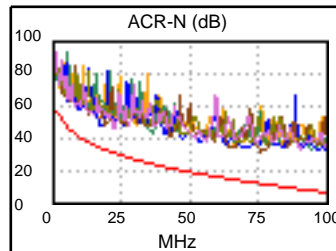
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	45-78	36-45	12-45
<b>NEXT (dB)</b>	11.1	10.2	14.6	14.8
Freq. (MHz)	17.4	27.4	76.8	87.0
Limit (dB)	43.0	39.7	32.1	31.1
Worst Pair	78	45	36	12
<b>PS NEXT (dB)</b>	12.5	10.8	15.6	16.4
Freq. (MHz)	22.3	27.4	67.0	87.0
Limit (dB)	38.2	36.7	30.1	28.1



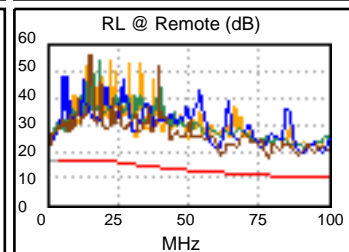
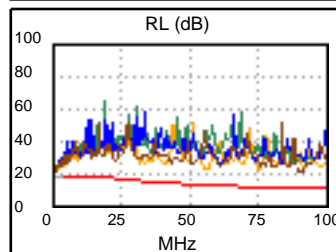
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
<b>ACR-F (dB)</b>	11.4	11.4	13.0	13.0
Freq. (MHz)	1.1	1.1	87.5	87.5
Limit (dB)	56.4	56.4	18.6	18.6
Worst Pair	78	78	45	12
<b>PS ACR-F (dB)</b>	13.9	13.8	14.7	14.1
Freq. (MHz)	1.5	1.5	90.0	89.5
Limit (dB)	50.9	50.9	15.3	15.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	45-78	36-45	12-45
<b>ACR-N (dB)</b>	13.3	13.0	19.4	20.0
Freq. (MHz)	17.3	27.4	76.8	87.0
Limit (dB)	33.6	27.7	11.3	8.9
Worst Pair	78	45	12	12
<b>PS ACR-N (dB)</b>	15.0	13.3	25.7	22.3
Freq. (MHz)	22.1	27.4	97.5	89.0
Limit (dB)	27.5	24.7	3.6	5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	78
<b>RL (dB)</b>	6.3	6.7	9.3	6.8
Freq. (MHz)	3.3	61.3	91.0	78.3
Limit (dB)	17.0	12.1	10.4	11.1



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	





**Cable ID: UPC-5004E-SOL-B**

Date / Time: 03/27/2023 02:11:10 □□

Headroom 10.1 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

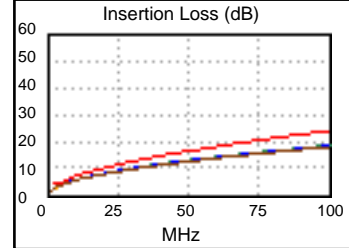
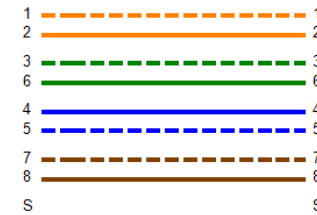
Length (ft)	[Pair 78]	240
Prop. Delay (ns), Limit 555	[Pair 36]	365
Delay Skew (ns), Limit 50	[Pair 36]	12
Resistance (ohms), Limit 25.0	[Pair 45]	22.1
Insertion Loss Margin (dB)	[Pair 36]	5.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



240 ft

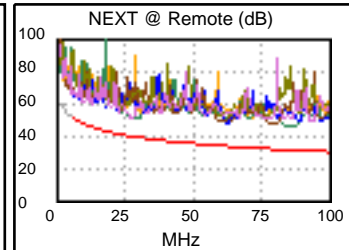
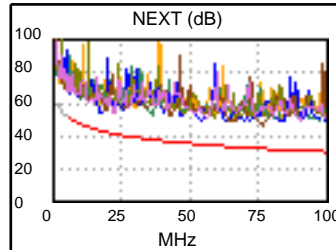


Wire Map (T568B)  
**PASS**

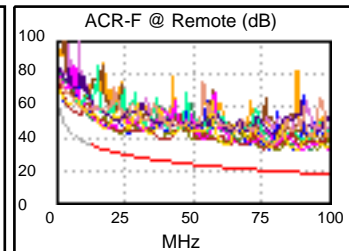
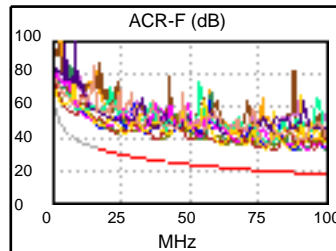


Worst Case Margin Worst Case Value

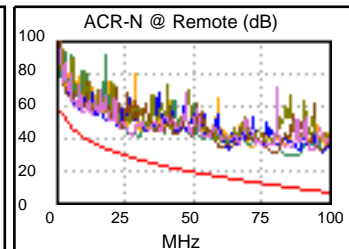
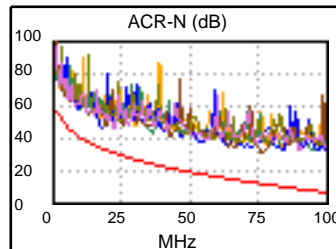
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	45-78	36-45	12-45
<b>NEXT (dB)</b>	11.0	10.1	14.5	14.4
Freq. (MHz)	17.4	27.4	76.8	87.0
Limit (dB)	43.0	39.7	32.1	31.1
Worst Pair	78	45	12	12
<b>PS NEXT (dB)</b>	12.3	10.7	17.6	16.1
Freq. (MHz)	22.3	27.4	84.5	87.0
Limit (dB)	38.2	36.7	28.3	28.1



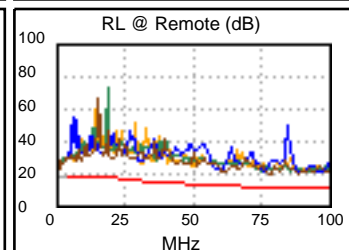
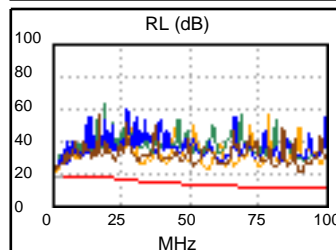
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	45-12	12-45
<b>ACR-F (dB)</b>	11.8	11.8	14.5	14.2
Freq. (MHz)	1.1	1.1	93.3	93.8
Limit (dB)	56.4	56.4	18.0	18.0
Worst Pair	36	12	45	12
<b>PS ACR-F (dB)</b>	14.4	13.6	14.9	14.4
Freq. (MHz)	37.8	17.3	89.8	89.5
Limit (dB)	22.9	29.7	15.3	15.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	45-78	36-45	12-45
<b>ACR-N (dB)</b>	13.2	12.9	19.3	19.6
Freq. (MHz)	17.4	27.4	76.8	87.0
Limit (dB)	33.5	27.7	11.3	8.9
Worst Pair	78	45	78	12
<b>PS ACR-N (dB)</b>	14.8	13.2	25.5	21.6
Freq. (MHz)	22.1	27.4	100.0	87.0
Limit (dB)	27.5	24.7	3.1	5.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	78
<b>RL (dB)</b>	6.8	7.0	9.7	7.2
Freq. (MHz)	3.3	61.5	91.3	78.3
Limit (dB)	17.0	12.1	10.4	11.1



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



**Cable ID: UPC-5004E-SOL-R**

Date / Time: 03/27/2023 02:13:54 □□

Headroom 10.2 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

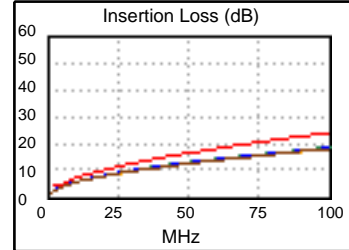
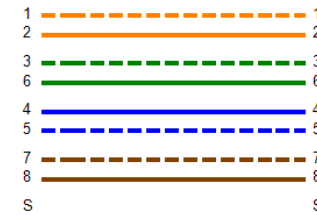
Length (ft)	[Pair 78]	240
Prop. Delay (ns), Limit 555	[Pair 36]	365
Delay Skew (ns), Limit 50	[Pair 36]	12
Resistance (ohms), Limit 25.0	[Pair 36]	21.7
Insertion Loss Margin (dB)	[Pair 36]	5.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



240 ft

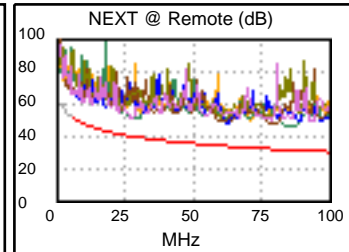
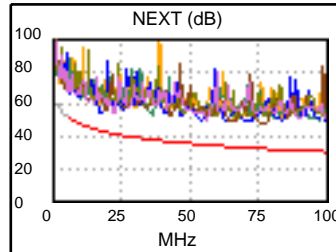


Wire Map (T568B)  
**PASS**

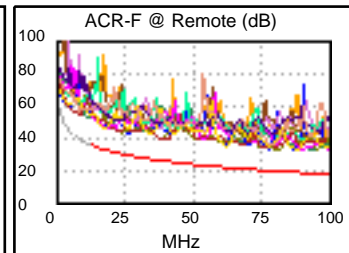
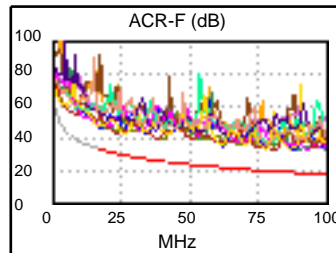


Worst Case Margin Worst Case Value

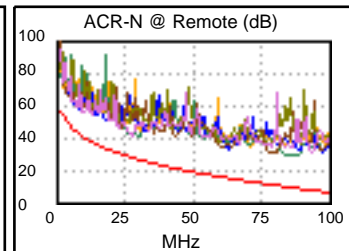
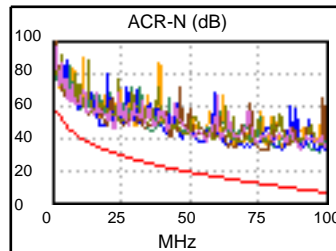
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	45-78	36-45	12-45
<b>NEXT (dB)</b>	11.0	10.2	14.6	14.4
Freq. (MHz)	17.4	27.3	76.8	87.0
Limit (dB)	43.0	39.7	32.1	31.1
Worst Pair	78	45	12	12
<b>PS NEXT (dB)</b>	12.4	10.8	17.5	16.1
Freq. (MHz)	22.3	27.4	84.5	87.0
Limit (dB)	38.2	36.7	28.3	28.1



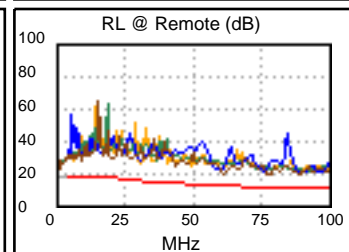
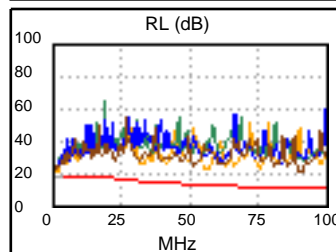
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	12-45	12-45
<b>ACR-F (dB)</b>	11.8	11.8	14.2	14.7
Freq. (MHz)	1.1	1.1	89.8	94.3
Limit (dB)	56.4	56.4	18.3	17.9
Worst Pair	36	12	45	12
<b>PS ACR-F (dB)</b>	14.4	13.5	14.9	14.3
Freq. (MHz)	37.8	17.3	89.8	89.5
Limit (dB)	22.9	29.7	15.3	15.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	45-78	36-45	12-45
<b>ACR-N (dB)</b>	13.2	13.0	19.5	19.6
Freq. (MHz)	17.3	27.3	76.8	87.0
Limit (dB)	33.6	27.7	11.3	8.9
Worst Pair	78	45	78	12
<b>PS ACR-N (dB)</b>	14.9	13.3	25.5	21.6
Freq. (MHz)	22.1	27.4	100.0	87.0
Limit (dB)	27.5	24.7	3.1	5.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	78
<b>RL (dB)</b>	6.8	7.1	9.9	7.2
Freq. (MHz)	3.3	61.3	91.3	78.3
Limit (dB)	17.0	12.1	10.4	11.1



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	



**Cable ID: UPC-6004SE-L**

Date / Time: 03/27/2023 01:53:21 □□

Headroom 2.9 dB (NEXT 12-78)

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

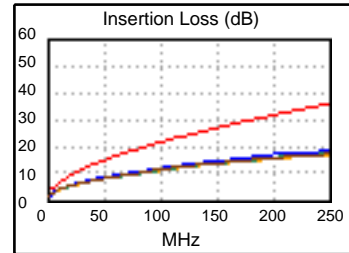
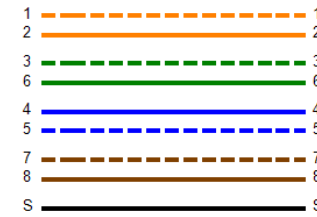
Length (ft)	[Pair 78]	91
Prop. Delay (ns), Limit 555	[Pair 45]	142
Delay Skew (ns), Limit 50	[Pair 45]	8
Resistance (ohms), Limit 25.0	[Pair 12]	20.6
Insertion Loss Margin (dB)	[Pair 45]	17.4
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



91 ft

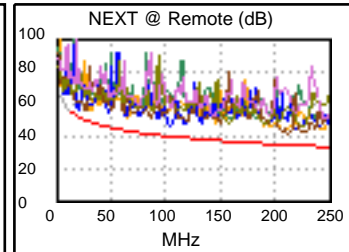
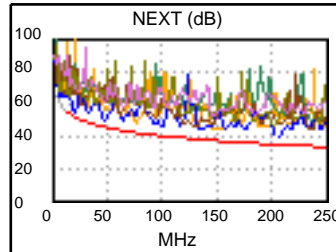


Wire Map (T568B)  
**PASS**

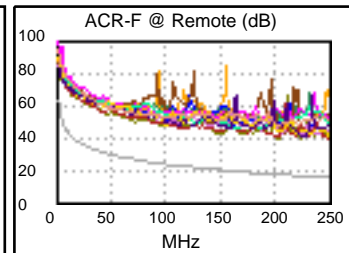
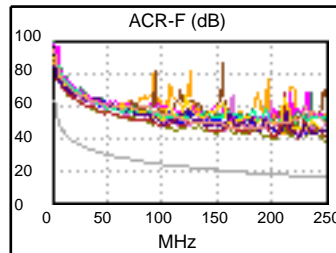


Worst Case Margin Worst Case Value

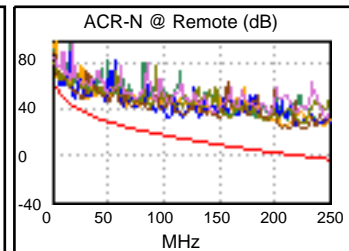
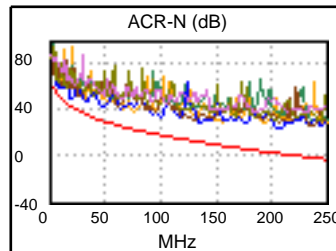
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
<b>NEXT (dB)</b>	2.9	4.4	5.1	6.4
Freq. (MHz)	19.1	19.1	206.0	213.5
Limit (dB)	52.0	52.0	34.6	34.3
Worst Pair	78	12	12	36
<b>PS NEXT (dB)</b>	5.4	6.9	7.7	7.9
Freq. (MHz)	19.1	18.9	206.5	212.5
Limit (dB)	49.3	49.4	31.6	31.4



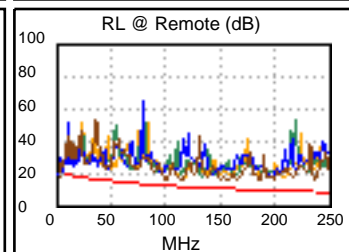
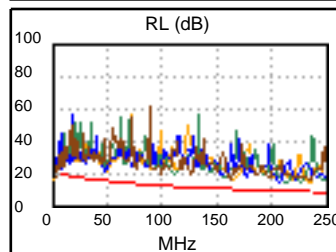
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	21.2	21.7	22.3	23.4
Freq. (MHz)	204.0	204.0	250.0	250.0
Limit (dB)	17.1	17.1	15.3	15.3
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	23.5	23.3	23.5	23.7
Freq. (MHz)	225.5	112.0	225.5	219.0
Limit (dB)	13.2	19.3	13.2	13.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
<b>ACR-N (dB)</b>	5.3	6.6	21.5	22.1
Freq. (MHz)	5.5	5.9	206.0	213.5
Limit (dB)	55.9	55.3	2.3	1.4
Worst Pair	78	78	78	36
<b>PS ACR-N (dB)</b>	6.6	7.2	24.0	24.2
Freq. (MHz)	5.9	5.5	205.5	212.5
Limit (dB)	52.8	53.4	-0.6	-1.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	12	78
<b>RL (dB)</b>	3.3	2.3	5.1	3.2
Freq. (MHz)	4.8	4.8	235.0	100.5
Limit (dB)	19.0	19.0	8.3	12.0



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: UPC-6004SE-SOL**

Date / Time: 03/27/2023 02:20:52 □□

Headroom 3.0 dB (NEXT 12-78)

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

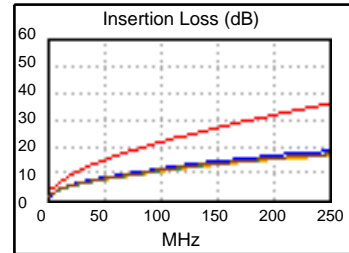
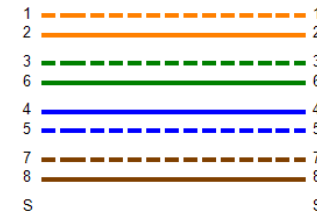
Length (ft)	[Pair 12]	90
Prop. Delay (ns), Limit 555	[Pair 45]	141
Delay Skew (ns), Limit 50	[Pair 45]	8
Resistance (ohms), Limit 25.0	[Pair 78]	19.5
Insertion Loss Margin (dB)	[Pair 45]	17.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



90 ft

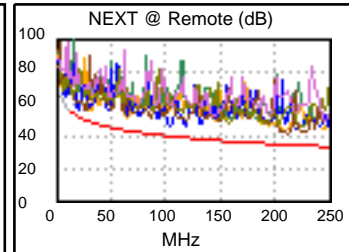
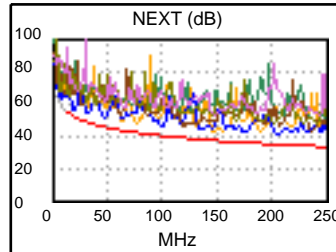


Wire Map (T568B)  
**PASS**

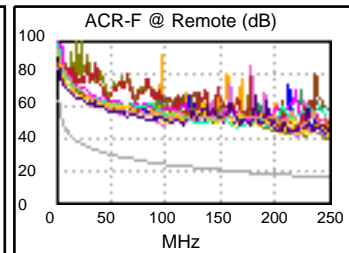
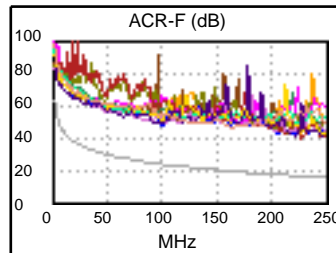


Worst Case Margin Worst Case Value

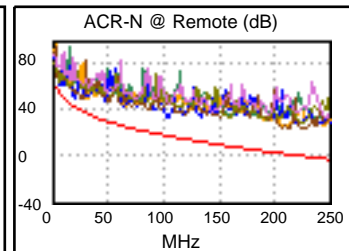
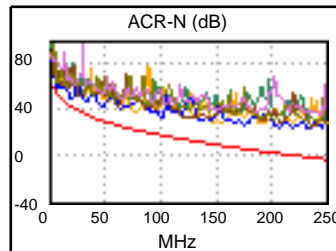
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
<b>NEXT (dB)</b>	3.0	4.6	6.4	6.4
Freq. (MHz)	18.8	18.8	206.0	213.5
Limit (dB)	52.1	52.1	34.6	34.3
Worst Pair	78	12	12	36
<b>PS NEXT (dB)</b>	5.5	7.0	8.8	7.7
Freq. (MHz)	18.6	18.9	218.5	213.0
Limit (dB)	49.5	49.4	31.2	31.4



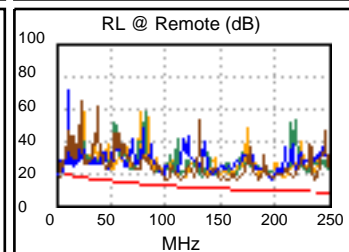
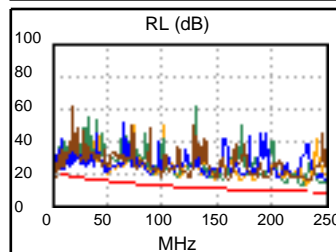
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	23.3	23.4	23.3	23.8
Freq. (MHz)	228.5	228.5	228.5	249.5
Limit (dB)	16.1	16.1	16.1	15.3
Worst Pair	36	78	36	78
<b>PS ACR-F (dB)</b>	24.4	25.5	24.6	25.5
Freq. (MHz)	226.0	250.0	250.0	250.0
Limit (dB)	13.2	12.3	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	4.5	6.1	26.3	22.2
Freq. (MHz)	5.5	5.6	238.0	213.5
Limit (dB)	55.9	55.7	-1.5	1.4
Worst Pair	78	78	12	36
<b>PS ACR-N (dB)</b>	6.0	6.6	28.8	24.2
Freq. (MHz)	5.8	5.6	245.5	213.0
Limit (dB)	53.0	53.2	-5.3	-1.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	36	78
<b>RL (dB)</b>	3.0	2.5	3.9	3.5
Freq. (MHz)	8.5	4.9	228.0	100.5
Limit (dB)	19.0	19.0	8.4	12.0



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: UPC-6004SE-SOL/100**

Date / Time: 03/27/2023 02:23:24 □□

Headroom 3.1 dB (NEXT 12-78)

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

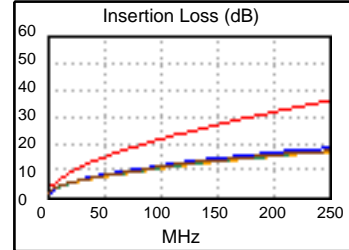
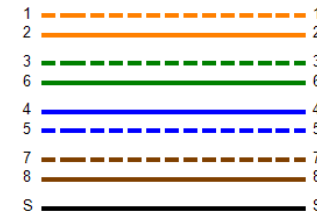
Length (ft)	[Pair 12]	90
Prop. Delay (ns), Limit 555	[Pair 45]	141
Delay Skew (ns), Limit 50	[Pair 45]	8
Resistance (ohms), Limit 25.0	[Pair 78]	20.1
Insertion Loss Margin (dB)	[Pair 45]	17.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



90 ft

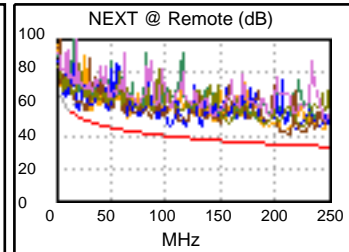
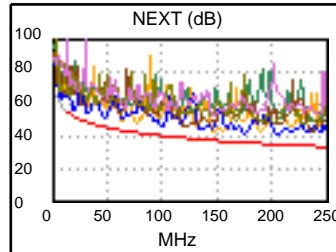


Wire Map (T568B)  
**PASS**

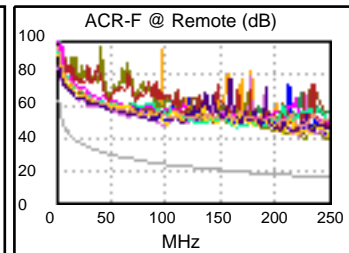
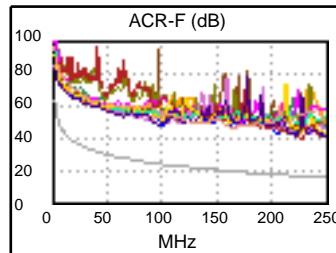


Worst Case Margin Worst Case Value

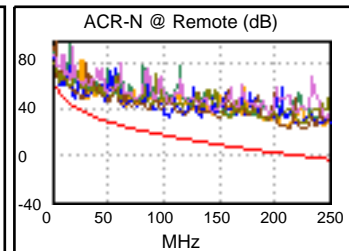
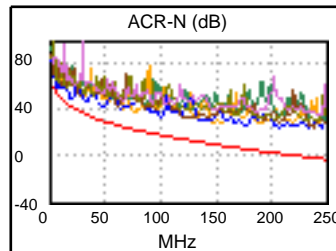
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
<b>NEXT (dB)</b>	3.1	4.6	6.4	6.4
Freq. (MHz)	18.5	19.0	206.0	213.5
Limit (dB)	52.2	52.0	34.6	34.3
Worst Pair	78	12	12	36
<b>PS NEXT (dB)</b>	5.5	7.1	9.7	7.8
Freq. (MHz)	18.6	18.9	245.5	213.0
Limit (dB)	49.5	49.4	30.3	31.4



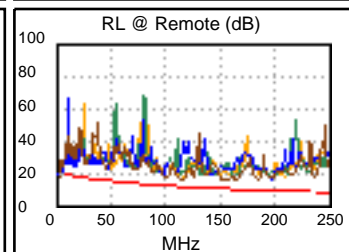
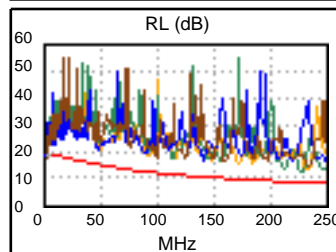
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	22.9	23.1	22.9	23.1
Freq. (MHz)	228.5	228.0	228.5	228.0
Limit (dB)	16.1	16.1	16.1	16.1
Worst Pair	36	45	36	78
<b>PS ACR-F (dB)</b>	23.9	25.4	23.9	25.7
Freq. (MHz)	226.5	228.5	226.5	250.0
Limit (dB)	13.2	13.1	13.2	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	4.5	6.2	26.2	22.3
Freq. (MHz)	5.5	5.5	238.5	214.0
Limit (dB)	55.9	55.9	-1.5	1.3
Worst Pair	78	78	12	36
<b>PS ACR-N (dB)</b>	6.0	6.6	28.8	26.0
Freq. (MHz)	5.8	5.5	245.5	228.0
Limit (dB)	53.0	53.4	-5.3	-3.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	36	78
<b>RL (dB)</b>	3.0	2.6	3.7	3.5
Freq. (MHz)	8.4	4.9	228.0	115.0
Limit (dB)	19.0	19.0	8.4	11.4



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	