

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
UPC-6004SE-L	PASS	ISO11801 Channel Class E	90 ft	3.2 dB (NEXT)	08/28/2020 03:50 <input type="checkbox"/>
UPC-5004E-SOL/100	PASS	ISO11801 Channel Class D	265 ft	13.6 dB (NEXT)	08/28/2020 03:48 <input type="checkbox"/>
UPC-5004E-L/100	PASS	ISO11801 Channel Class D	90 ft	12.8 dB (NEXT)	08/28/2020 03:44 <input type="checkbox"/>
UPC-5004E-L	PASS	ISO11801 Channel Class D	90 ft	13.2 dB (NEXT)	08/28/2020 03:42 <input type="checkbox"/>
FPC-6004-SOL/100	PASS	ISO11801 Channel Class E	91 ft	3.1 dB (NEXT)	08/28/2020 03:41 <input type="checkbox"/>
FPC-6004-SO	PASS	ISO11801 Channel Class E	90 ft	3.9 dB (NEXT)	08/28/2020 03:40 <input type="checkbox"/>
FPC-5004E-SOL/100	PASS	ISO11801 Channel Class D	171 ft	6.2 dB (NEXT)	08/28/2020 03:35 <input type="checkbox"/>
UPC-5004E-SO-LSZH	PASS	ISO11801 Channel Class D	265 ft	10.4 dB (NEXT)	08/28/2020 03:32 <input type="checkbox"/>
UPC-5004E-SO	PASS	ISO11801 Channel Class D	265 ft	10.6 dB (NEXT)	08/28/2020 03:30 <input type="checkbox"/>
FPC-6004-L/100	PASS	ISO11801 Channel Class E	90 ft	3.6 dB (NEXT)	08/28/2020 03:26 <input type="checkbox"/>
FPC-5004E	PASS	ISO11801 Channel Class D	90 ft	12.8 dB (NEXT)	08/28/2020 03:24 <input type="checkbox"/>
FPC-5004E-L	PASS	ISO11801 Channel Class D	89 ft	14.0 dB (NEXT)	08/28/2020 03:22 <input type="checkbox"/>
FPC-5004E-SOL	PASS	ISO11801 Channel Class D	171 ft	6.3 dB (NEXT)	08/28/2020 03:20 <input type="checkbox"/>

Total Length:	1857 ft
Number of Reports:	13
Number of Passing Reports:	13
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: UPC-6004SE-L

Date / Time: 08/28/2020 03:50:24 □□

Headroom 3.2 dB (NEXT 12-36)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 UTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

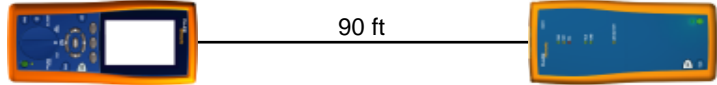
Main S/N: 2433075

Remote S/N: 2433076

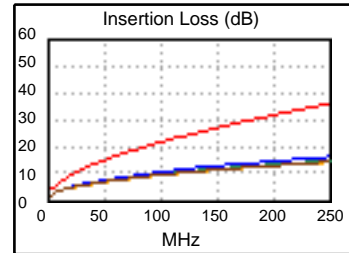
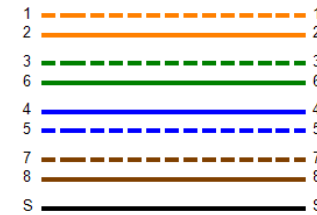
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 12]	90
Prop. Delay (ns), Limit 555	[Pair 45]	142
Delay Skew (ns), Limit 50	[Pair 45]	10
Resistance (ohms), Limit 25.0	[Pair 45]	21.7
Insertion Loss Margin (dB)	[Pair 45]	19.8
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

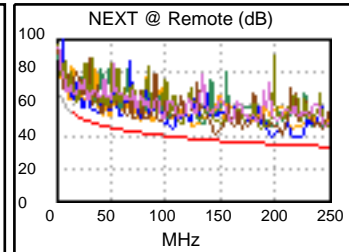
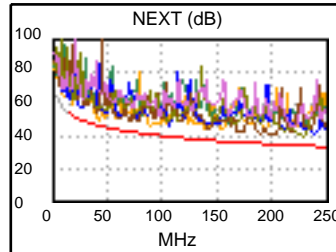


Wire Map (T568B)
PASS

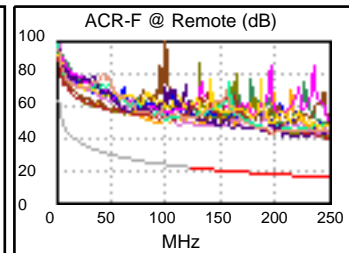
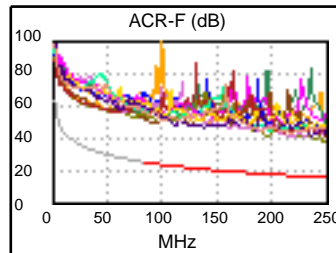


Worst Case Margin Worst Case Value

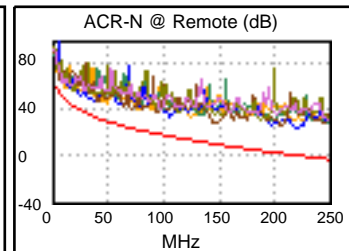
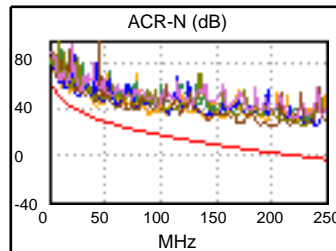
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-78	12-78
NEXT (dB)	3.2	3.9	6.2	4.8
Freq. (MHz)	40.8	145.0	230.5	223.0
Limit (dB)	46.5	37.2	33.7	34.0
Worst Pair	36	36	78	12
PS NEXT (dB)	4.1	6.1	7.3	6.3
Freq. (MHz)	40.5	145.0	230.5	218.0
Limit (dB)	43.8	34.3	30.8	31.2



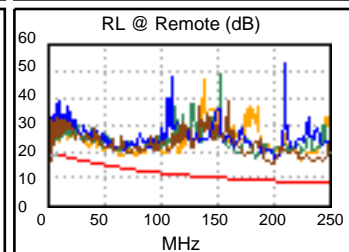
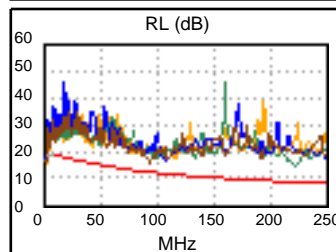
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	21.6	23.1	21.6	23.1
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	23.9	23.4	23.9	23.4
Freq. (MHz)	250.0	249.5	250.0	249.5
Limit (dB)	12.3	12.3	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	12-78
ACR-N (dB)	10.1	9.5	23.4	25.0
Freq. (MHz)	9.9	10.3	204.5	223.0
Limit (dB)	50.2	49.8	2.5	0.3
Worst Pair	12	45	36	12
PS ACR-N (dB)	10.5	10.6	27.8	26.3
Freq. (MHz)	8.9	6.8	231.0	218.0
Limit (dB)	48.7	51.4	-3.6	-2.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	36	78
RL (dB)	3.4	4.0	6.1	6.0
Freq. (MHz)	93.5	66.0	223.0	197.5
Limit (dB)	12.3	13.8	8.5	9.0



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-5004E-SOL/100

Date / Time: 08/28/2020 03:48:39 □□

Headroom 13.6 dB (NEXT 12-45)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e UTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

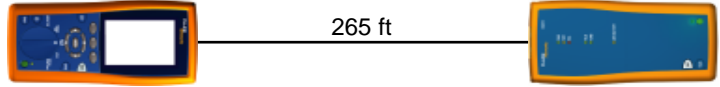
Main S/N: 2433075

Remote S/N: 2433076

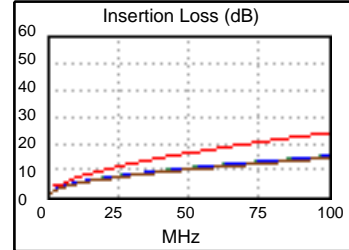
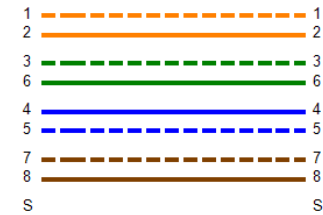
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	265
Prop. Delay (ns), Limit 555	[Pair 36]	406
Delay Skew (ns), Limit 50	[Pair 36]	16
Resistance (ohms), Limit 25.0	[Pair 45]	18.9
Insertion Loss Margin (dB)	[Pair 36]	8.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

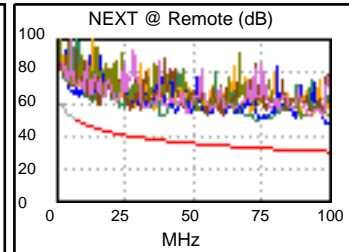
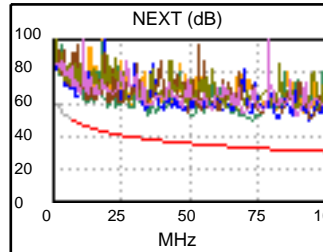


Wire Map (T568B)
PASS

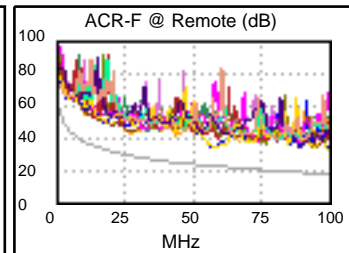
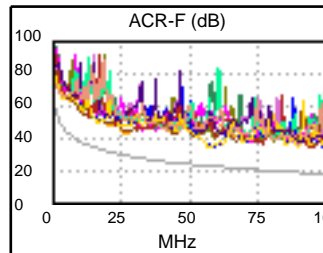


Worst Case Margin Worst Case Value

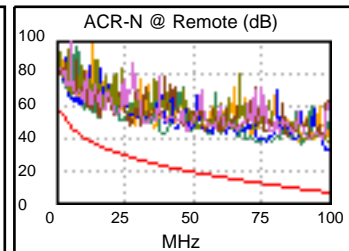
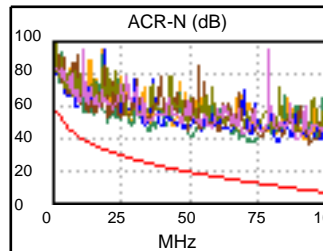
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-78
NEXT (dB)	14.4	13.6	16.5	17.2
Freq. (MHz)	11.6	15.4	73.3	99.3
Limit (dB)	45.9	43.9	32.4	30.1
Worst Pair	12	45	12	78
PS NEXT (dB)	16.5	13.9	18.5	19.3
Freq. (MHz)	20.1	15.4	73.3	99.5
Limit (dB)	38.9	40.9	29.4	27.1



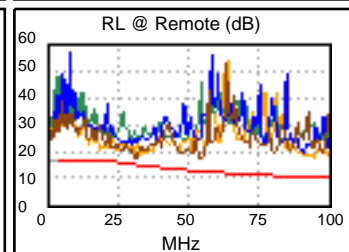
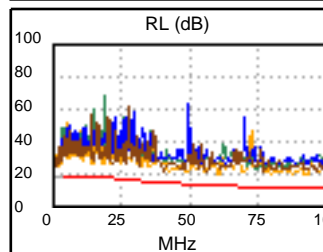
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	12-78	78-12
ACR-F (dB)	12.0	12.2	15.0	14.9
Freq. (MHz)	56.8	56.8	100.0	100.0
Limit (dB)	22.3	22.3	17.4	17.4
Worst Pair	12	78	12	78
PS ACR-F (dB)	14.5	14.7	15.8	16.1
Freq. (MHz)	56.5	56.5	89.8	89.8
Limit (dB)	19.4	19.4	15.3	15.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-78
ACR-N (dB)	16.5	16.2	28.3	26.4
Freq. (MHz)	11.6	15.4	94.0	99.5
Limit (dB)	38.2	35.0	7.3	6.2
Worst Pair	12	45	12	78
PS ACR-N (dB)	18.5	16.5	29.7	28.5
Freq. (MHz)	8.3	15.4	94.0	99.5
Limit (dB)	38.9	32.0	4.3	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	12
RL (dB)	6.6	2.3	8.2	6.3
Freq. (MHz)	49.3	31.0	92.8	94.0
Limit (dB)	13.1	15.1	10.3	10.3



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-5004E-L/100

Date / Time: 08/28/2020 03:44:44 □□

Headroom 12.8 dB (NEXT 12-36)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e UTP

Calibration Date: 06/04/2013

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

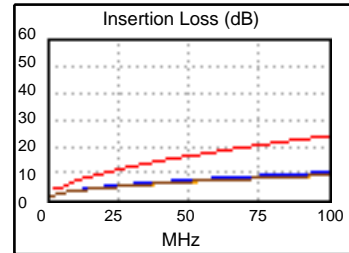
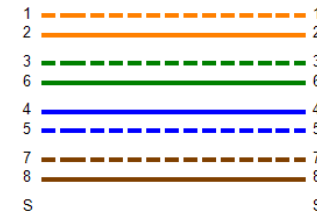
Length (ft)	[Pair 12]	90
Prop. Delay (ns), Limit 555	[Pair 45]	142
Delay Skew (ns), Limit 50	[Pair 45]	10
Resistance (ohms), Limit 25.0	[Pair 12]	21.7
Insertion Loss Margin (dB)	[Pair 45]	13.6
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



90 ft

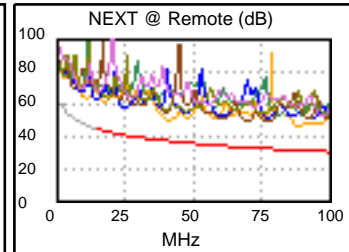
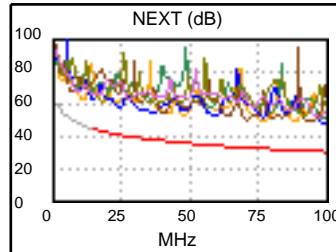


Wire Map (T568B)
PASS

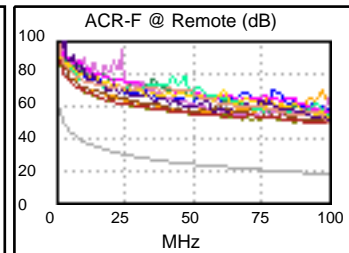
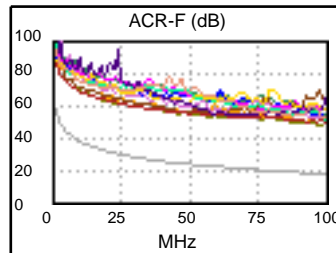


Worst Case Margin Worst Case Value

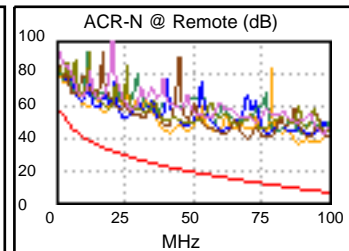
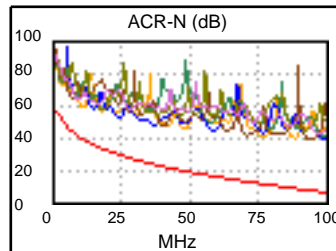
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-36	12-78	12-36
NEXT (dB)	16.7	12.8	18.0	14.4
Freq. (MHz)	36.5	40.8	99.8	88.8
Limit (dB)	37.6	36.8	30.1	31.0
Worst Pair	36	36	12	12
PS NEXT (dB)	17.1	13.9	18.6	16.4
Freq. (MHz)	40.8	40.8	99.3	89.0
Limit (dB)	33.8	33.8	27.1	28.0



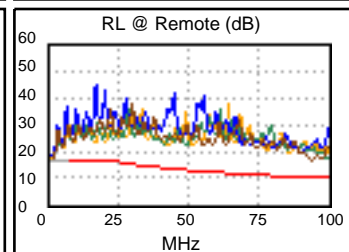
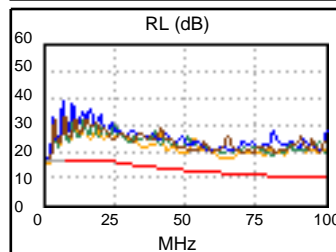
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	30.3	30.8	30.3	31.2
Freq. (MHz)	98.0	42.0	98.0	98.0
Limit (dB)	17.6	24.9	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	31.2	30.6	31.4	32.1
Freq. (MHz)	43.3	50.0	93.0	98.8
Limit (dB)	21.7	20.4	15.0	14.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	12-36
ACR-N (dB)	19.8	19.9	31.2	28.0
Freq. (MHz)	10.5	1.8	93.8	89.0
Limit (dB)	39.3	55.4	7.4	8.4
Worst Pair	45	12	12	12
PS ACR-N (dB)	21.1	20.0	33.2	30.2
Freq. (MHz)	7.3	1.8	99.3	89.0
Limit (dB)	40.2	52.4	3.2	5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
RL (dB)	5.4	6.0	5.4	6.3
Freq. (MHz)	63.0	8.8	63.0	93.5
Limit (dB)	12.0	17.0	12.0	10.3



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-5004E-L

Date / Time: 08/28/2020 03:42:52 □□

Headroom 13.2 dB (NEXT 12-36)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e UTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

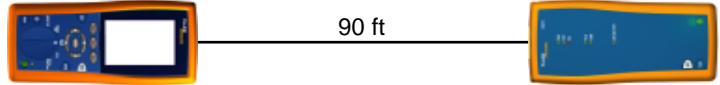
Main S/N: 2433075

Remote S/N: 2433076

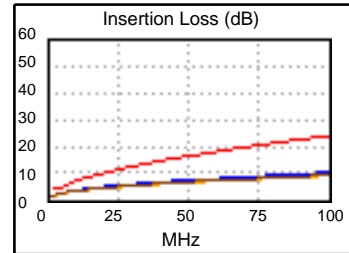
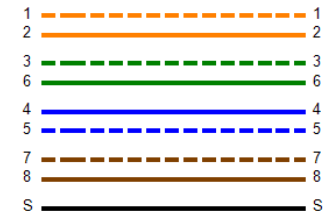
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 12]	90
Prop. Delay (ns), Limit 555	[Pair 45]	143
Delay Skew (ns), Limit 50	[Pair 45]	10
Resistance (ohms), Limit 25.0	[Pair 45]	22.3
Insertion Loss Margin (dB)	[Pair 45]	13.7
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

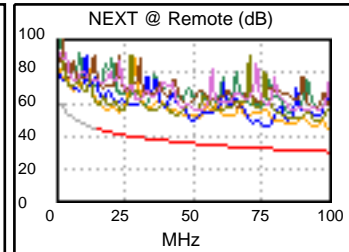
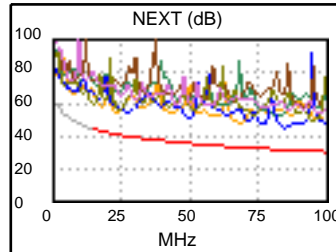


Wire Map (T568B)
PASS

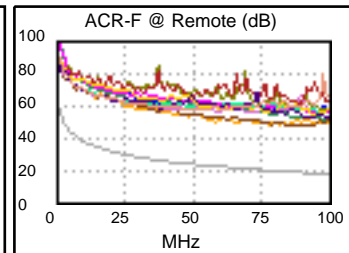
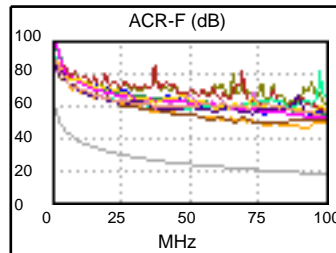


Worst Case Margin Worst Case Value

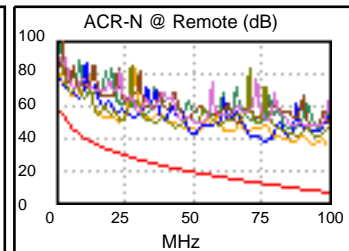
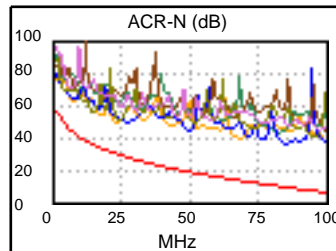
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	12-78	12-36
NEXT (dB)	13.2	13.3	13.8	14.5
Freq. (MHz)	23.0	76.5	84.8	100.0
Limit (dB)	41.0	32.1	31.3	30.1
Worst Pair	12	36	12	36
PS NEXT (dB)	14.4	14.5	15.8	16.7
Freq. (MHz)	23.0	23.0	84.8	95.0
Limit (dB)	38.0	38.0	28.3	27.5



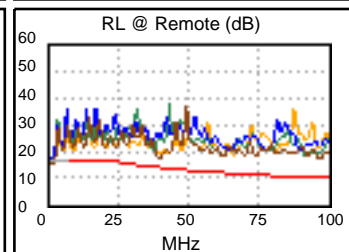
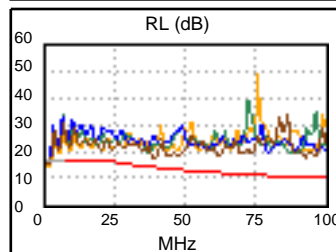
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	36-12
ACR-F (dB)	28.0	27.9	28.4	29.0
Freq. (MHz)	86.0	58.0	93.3	93.3
Limit (dB)	18.7	22.1	18.0	18.0
Worst Pair	36	12	36	12
PS ACR-F (dB)	30.5	30.3	30.8	30.4
Freq. (MHz)	86.0	78.0	93.5	94.0
Limit (dB)	15.7	16.6	15.0	14.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	12-78	12-36
ACR-N (dB)	19.1	18.3	27.2	28.8
Freq. (MHz)	22.9	1.6	85.3	100.0
Limit (dB)	30.1	55.9	9.3	6.1
Worst Pair	12	12	12	36
PS ACR-N (dB)	19.5	18.8	32.2	31.4
Freq. (MHz)	1.6	1.8	100.0	100.0
Limit (dB)	52.9	52.4	3.1	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	3.1	3.1	3.1	6.7
Freq. (MHz)	39.0	39.3	39.0	96.5
Limit (dB)	14.1	14.1	14.1	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: FPC-6004-SOL/100

Date / Time: 08/28/2020 03:41:27 □□

Headroom 3.1 dB (NEXT 12-36)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 FTP

Calibration Date: 06/04/2013

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

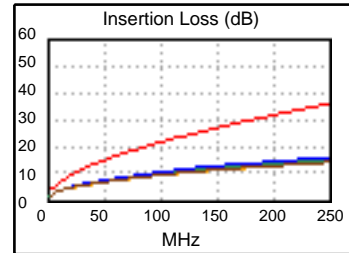
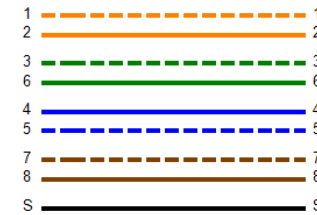
Length (ft)	[Pair 12]	91
Prop. Delay (ns), Limit 555	[Pair 45]	142
Delay Skew (ns), Limit 50	[Pair 45]	10
Resistance (ohms), Limit 25.0	[Pair 45]	21.6
Insertion Loss Margin (dB)	[Pair 45]	19.8
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



91 ft

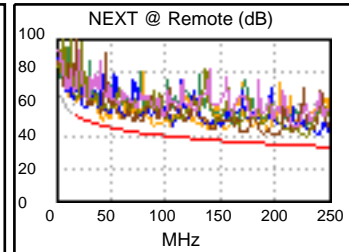
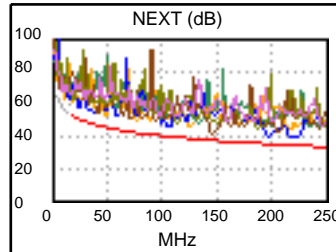


Wire Map (T568B)
PASS

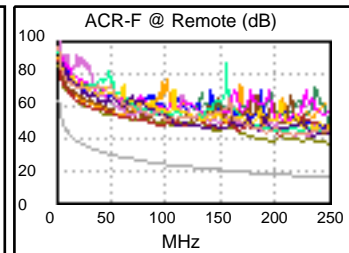
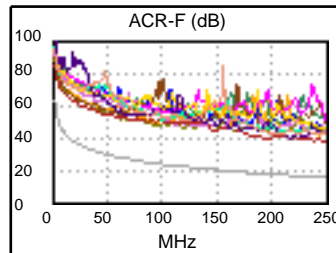


Worst Case Margin Worst Case Value

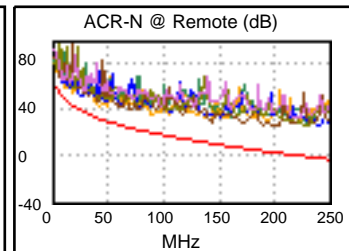
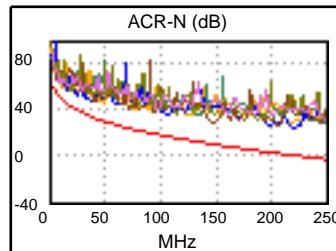
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	12-78	36-78
NEXT (dB)	4.2	3.1	4.7	6.0
Freq. (MHz)	145.0	40.8	223.0	229.5
Limit (dB)	37.2	46.5	34.0	33.8
Worst Pair	12	36	12	78
PS NEXT (dB)	6.2	4.0	6.2	7.3
Freq. (MHz)	218.0	40.5	218.0	230.5
Limit (dB)	31.2	43.8	31.2	30.8



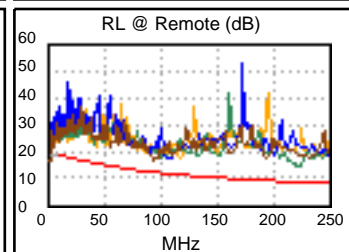
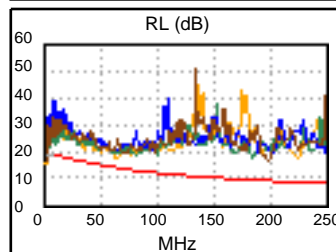
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	21.3	20.2	21.4	20.2
Freq. (MHz)	196.0	250.0	250.0	250.0
Limit (dB)	17.4	15.3	15.3	15.3
Worst Pair	36	45	36	45
PS ACR-F (dB)	23.0	23.5	23.0	23.8
Freq. (MHz)	218.0	196.0	249.5	250.0
Limit (dB)	13.5	14.4	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-78	36-45
ACR-N (dB)	9.6	10.0	24.9	23.3
Freq. (MHz)	10.6	40.5	223.0	204.5
Limit (dB)	49.4	33.1	0.3	2.5
Worst Pair	45	12	12	36
PS ACR-N (dB)	10.8	10.7	26.2	27.5
Freq. (MHz)	7.0	8.9	218.0	230.5
Limit (dB)	51.1	48.7	-2.1	-3.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	12	78	36
RL (dB)	3.5	4.1	7.7	5.8
Freq. (MHz)	8.3	8.6	198.0	223.0
Limit (dB)	19.0	19.0	9.0	8.5



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: FPC-6004-SO

Date / Time: 08/28/2020 03:40:28 □□

Headroom 3.9 dB (NEXT 12-78)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 FTP

Calibration Date: 06/04/2013

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

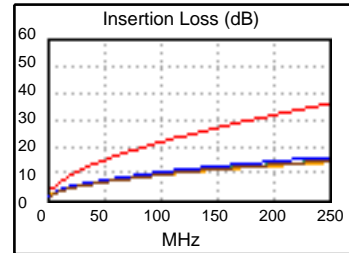
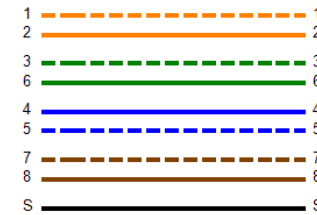
Length (ft)	[Pair 12]	90
Prop. Delay (ns), Limit 555	[Pair 45]	140
Delay Skew (ns), Limit 50	[Pair 45]	9
Resistance (ohms), Limit 25.0	[Pair 12]	23.6
Insertion Loss Margin (dB)	[Pair 45]	19.8
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



90 ft

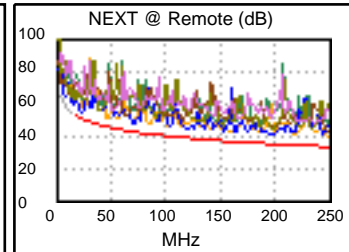
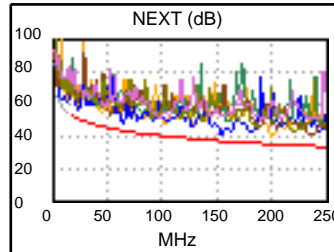


Wire Map (T568B)
PASS

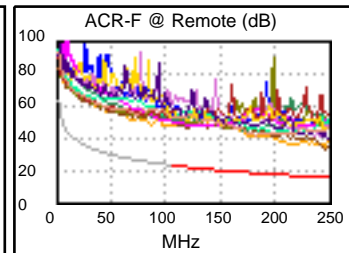
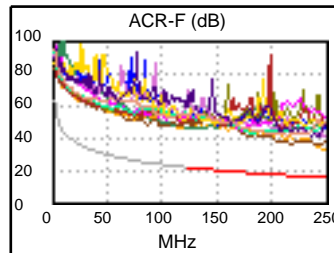


Worst Case Margin Worst Case Value

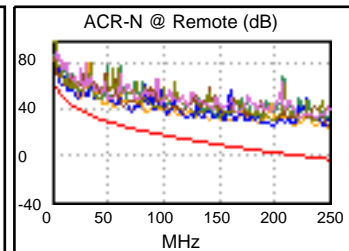
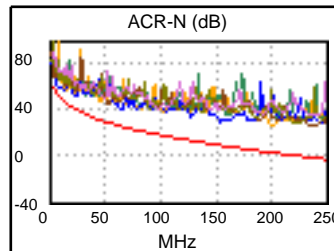
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	12-36
NEXT (dB)	3.9	4.2	4.9	6.4
Freq. (MHz)	154.5	21.6	200.5	249.0
Limit (dB)	36.7	51.1	34.8	33.1
Worst Pair	78	12	36	12
PS NEXT (dB)	6.1	4.8	7.3	6.4
Freq. (MHz)	154.5	22.9	200.5	219.0
Limit (dB)	33.8	48.0	31.8	31.2



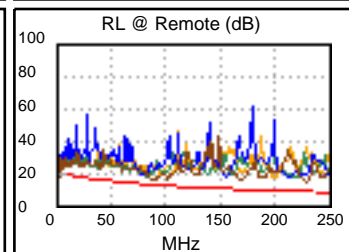
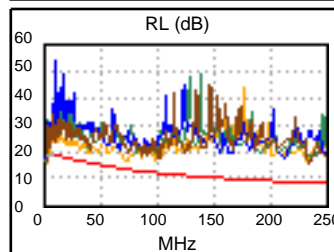
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	12-36	36-12
ACR-F (dB)	17.2	17.8	17.2	17.8
Freq. (MHz)	247.5	247.5	247.5	247.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	36	12	36	12
PS ACR-F (dB)	20.0	19.9	20.0	19.9
Freq. (MHz)	247.5	247.5	247.5	247.5
Limit (dB)	12.4	12.4	12.4	12.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-36
ACR-N (dB)	6.3	7.5	27.2	27.5
Freq. (MHz)	6.8	6.8	238.0	249.5
Limit (dB)	54.0	54.0	-1.5	-2.8
Worst Pair	12	12	45	36
PS ACR-N (dB)	8.1	9.1	29.1	28.7
Freq. (MHz)	6.0	7.0	235.5	249.5
Limit (dB)	52.6	51.1	-4.1	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	78
RL (dB)	3.0	2.7	7.4	6.2
Freq. (MHz)	6.0	90.0	234.5	230.5
Limit (dB)	19.0	12.5	8.3	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: FPC-5004E-SOL/100

Date / Time: 08/28/2020 03:35:00 □□

Headroom 6.2 dB (NEXT 12-78)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e FTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

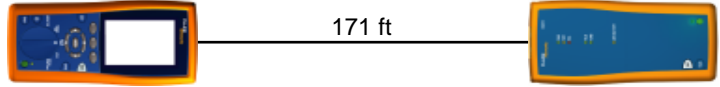
Main S/N: 2433075

Remote S/N: 2433076

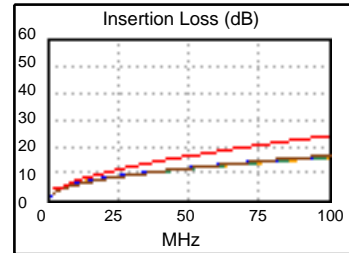
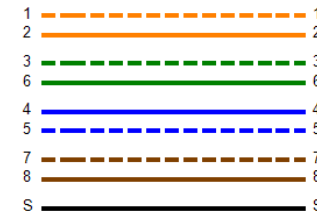
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 12]	171
Prop. Delay (ns), Limit 555	[Pair 36]	263
Delay Skew (ns), Limit 50	[Pair 36]	11
Resistance (ohms), Limit 25.0	[Pair 12]	16.0
Insertion Loss Margin (dB)	[Pair 45]	7.3
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

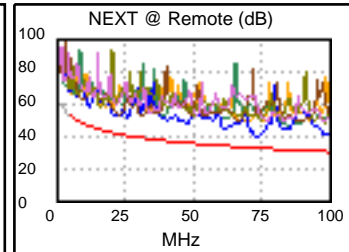
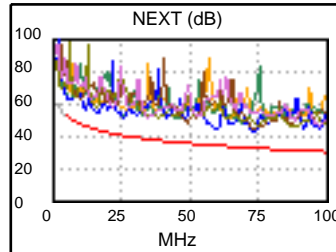


Wire Map (T568B)
PASS

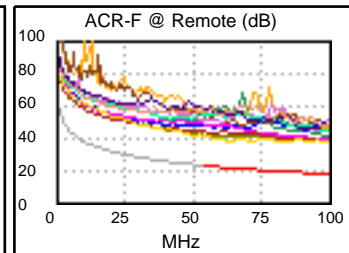
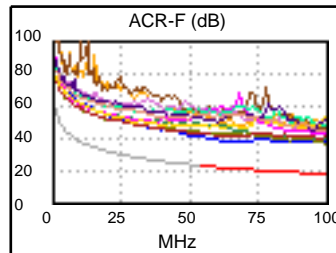


Worst Case Margin Worst Case Value

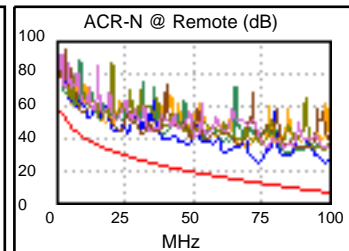
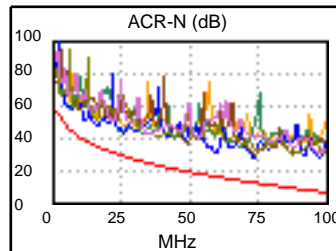
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	9.0	6.2	9.0	6.2
Freq. (MHz)	73.8	73.8	73.8	73.8
Limit (dB)	32.4	32.4	32.4	32.4
Worst Pair	12	12	78	12
PS NEXT (dB)	10.4	9.0	11.1	9.0
Freq. (MHz)	4.6	73.8	73.8	73.8
Limit (dB)	49.5	29.4	29.4	29.4



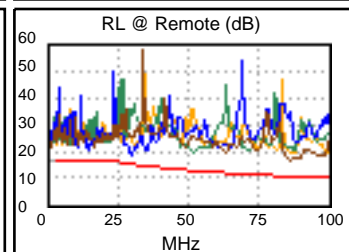
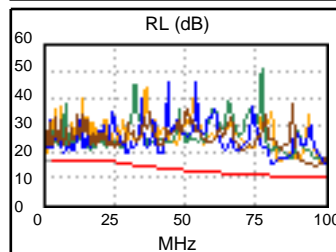
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	36-45	45-36
ACR-F (dB)	16.4	16.8	19.1	19.7
Freq. (MHz)	62.0	61.8	100.0	100.0
Limit (dB)	21.6	21.6	17.4	17.4
Worst Pair	78	12	45	12
PS ACR-F (dB)	19.2	18.7	19.8	19.8
Freq. (MHz)	62.0	62.0	100.0	94.0
Limit (dB)	18.6	18.6	14.4	14.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	11.9	12.3	15.1	12.3
Freq. (MHz)	4.8	73.8	73.8	73.8
Limit (dB)	47.4	12.0	12.0	12.0
Worst Pair	12	12	78	78
PS ACR-N (dB)	10.7	14.3	21.8	19.8
Freq. (MHz)	4.6	20.6	98.0	98.5
Limit (dB)	44.6	28.4	3.5	3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	78	78
RL (dB)	2.4	3.3	4.4	5.8
Freq. (MHz)	6.6	14.0	96.3	86.3
Limit (dB)	17.0	17.0	10.2	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: UPC-5004E-SO-LSZH

Date / Time: 08/28/2020 03:32:10 □□

Headroom 10.4 dB (NEXT 12-45)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e UTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

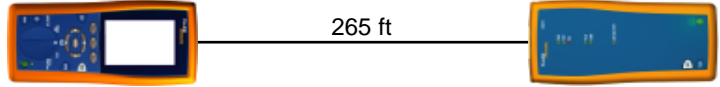
Main S/N: 2433075

Remote S/N: 2433076

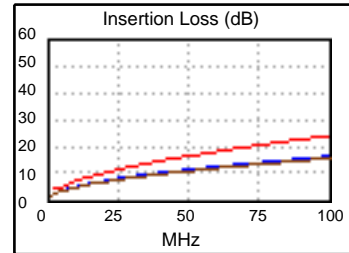
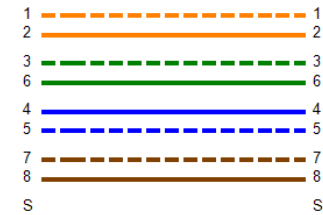
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	265
Prop. Delay (ns), Limit 555	[Pair 36]	405
Delay Skew (ns), Limit 50	[Pair 36]	15
Resistance (ohms), Limit 25.0	[Pair 45]	16.0
Insertion Loss Margin (dB)	[Pair 45]	7.7
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

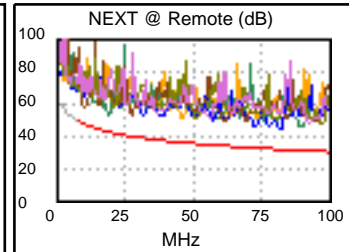
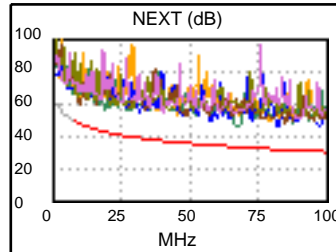


Wire Map (T568B)
PASS

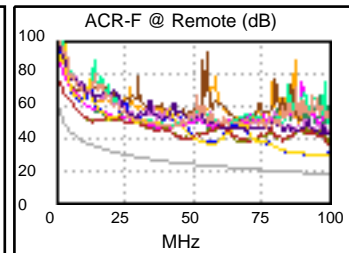
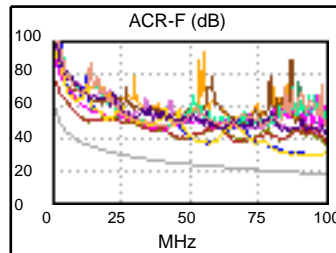


Worst Case Margin Worst Case Value

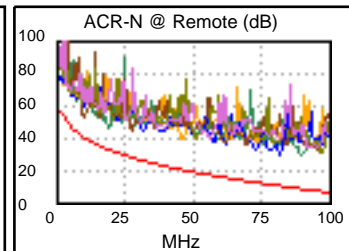
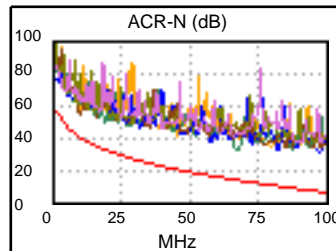
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	12-45	12-78
NEXT (dB)	11.6	10.4	12.1	11.7
Freq. (MHz)	9.8	18.9	67.5	82.3
Limit (dB)	47.2	42.4	33.0	31.5
Worst Pair	36	45	12	78
PS NEXT (dB)	13.2	12.3	15.3	13.7
Freq. (MHz)	9.6	9.6	82.5	82.3
Limit (dB)	44.3	44.3	28.5	28.5



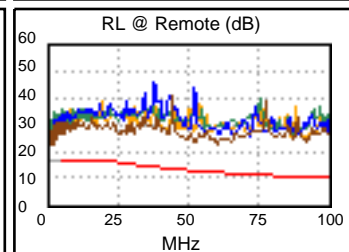
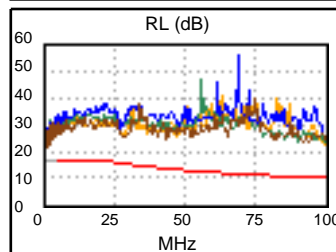
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	10.3	10.7	10.3	10.7
Freq. (MHz)	96.0	96.0	96.0	96.0
Limit (dB)	17.8	17.8	17.8	17.8
Worst Pair	12	78	12	78
PS ACR-F (dB)	13.2	13.2	13.2	13.2
Freq. (MHz)	96.0	96.0	96.0	96.0
Limit (dB)	14.8	14.8	14.8	14.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-45
ACR-N (dB)	13.8	12.7	24.1	20.9
Freq. (MHz)	9.6	9.9	97.5	90.0
Limit (dB)	40.3	40.0	6.6	8.2
Worst Pair	36	45	12	12
PS ACR-N (dB)	15.3	14.4	23.7	21.1
Freq. (MHz)	9.6	9.6	89.3	82.3
Limit (dB)	37.3	37.3	5.4	7.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	78
RL (dB)	8.7	9.2	13.0	10.0
Freq. (MHz)	4.3	4.3	99.3	52.0
Limit (dB)	17.0	17.0	10.0	12.8



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-SO

Date / Time: 08/28/2020 03:30:17 □□

Headroom 10.6 dB (NEXT 12-45)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e UTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

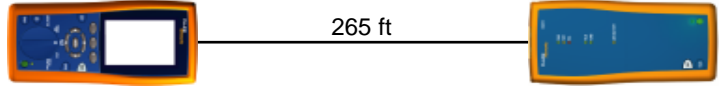
Main S/N: 2433075

Remote S/N: 2433076

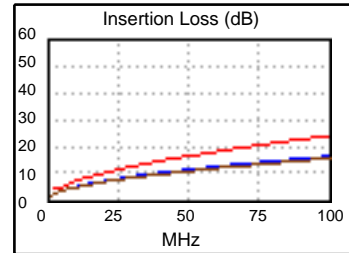
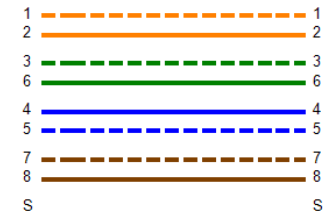
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	265
Prop. Delay (ns), Limit 555	[Pair 36]	405
Delay Skew (ns), Limit 50	[Pair 36]	15
Resistance (ohms), Limit 25.0	[Pair 45]	16.1
Insertion Loss Margin (dB)	[Pair 45]	7.7
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

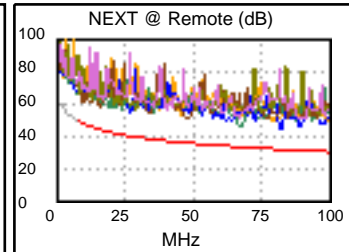
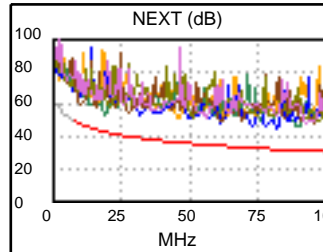


Wire Map (T568B)
PASS

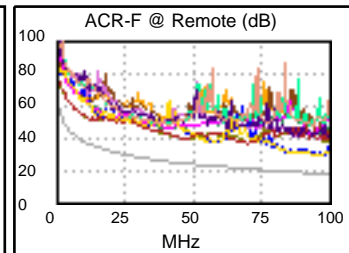
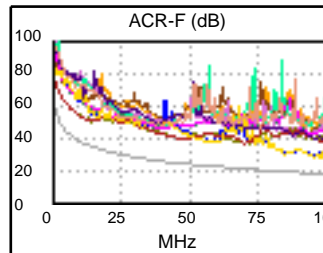


Worst Case Margin Worst Case Value

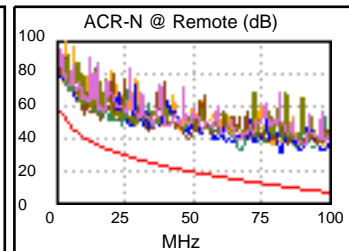
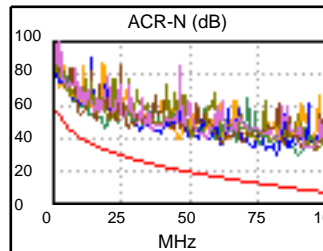
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-78
NEXT (dB)	10.6	12.3	11.7	12.9
Freq. (MHz)	18.9	67.3	82.3	82.5
Limit (dB)	42.4	33.0	31.5	31.5
Worst Pair	45	36	78	12
PS NEXT (dB)	13.1	13.9	13.8	14.9
Freq. (MHz)	9.6	9.8	82.3	82.5
Limit (dB)	44.3	44.2	28.5	28.5



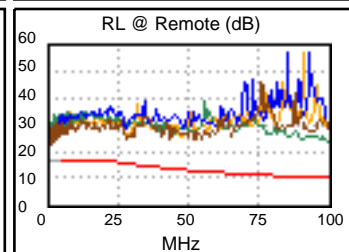
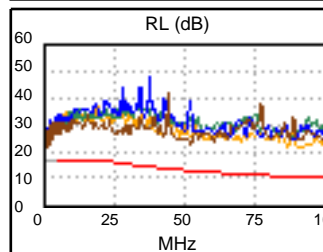
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	9.9	10.2	9.9	10.2
Freq. (MHz)	95.5	95.5	95.5	95.5
Limit (dB)	17.8	17.8	17.8	17.8
Worst Pair	12	78	12	78
PS ACR-F (dB)	12.8	12.6	12.8	12.6
Freq. (MHz)	95.5	95.5	95.5	95.5
Limit (dB)	14.8	14.8	14.8	14.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	13.5	14.5	19.2	20.5
Freq. (MHz)	9.9	9.6	82.3	82.5
Limit (dB)	40.0	40.3	10.0	9.9
Worst Pair	45	36	12	12
PS ACR-N (dB)	15.2	16.1	21.3	23.4
Freq. (MHz)	9.6	9.6	82.3	89.3
Limit (dB)	37.3	37.3	7.0	5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	36
RL (dB)	9.0	8.7	10.6	13.6
Freq. (MHz)	4.3	4.3	90.5	100.0
Limit (dB)	17.0	17.0	10.4	10.0



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-L/100

Date / Time: 08/28/2020 03:26:57 □□

Headroom 3.6 dB (NEXT 12-78)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 FTP

Calibration Date: 06/04/2013

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

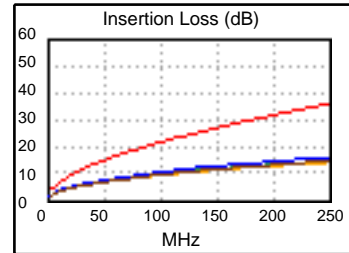
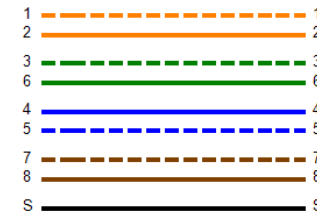
Length (ft)	[Pair 12]	90
Prop. Delay (ns), Limit 555	[Pair 45]	140
Delay Skew (ns), Limit 50	[Pair 45]	9
Resistance (ohms), Limit 25.0	[Pair 45]	21.5
Insertion Loss Margin (dB)	[Pair 45]	19.8
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



90 ft

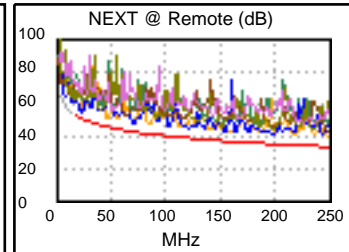
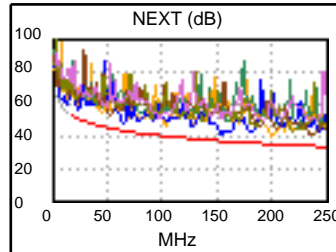


Wire Map (T568B)
PASS

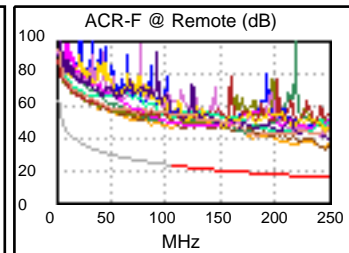
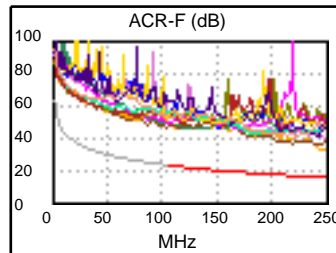


Worst Case Margin Worst Case Value

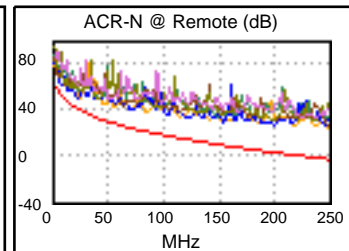
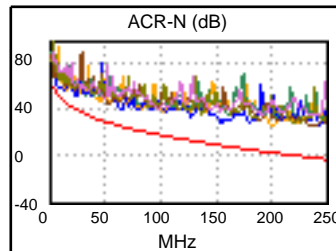
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	12-36
NEXT (dB)	3.6	4.3	4.3	6.6
Freq. (MHz)	154.5	22.3	200.5	249.5
Limit (dB)	36.7	50.9	34.8	33.1
Worst Pair	78	12	36	36
PS NEXT (dB)	5.8	4.8	6.8	7.6
Freq. (MHz)	154.5	23.6	200.5	249.5
Limit (dB)	33.8	47.8	31.8	30.2



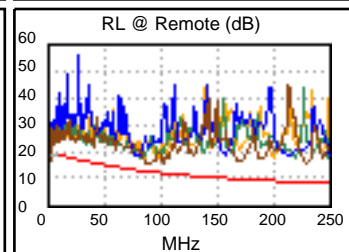
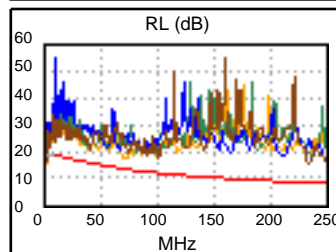
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	12-36	36-12
ACR-F (dB)	16.7	17.4	16.7	17.4
Freq. (MHz)	247.5	247.5	247.5	247.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	36	12	36	12
PS ACR-F (dB)	19.6	19.4	19.6	19.4
Freq. (MHz)	247.5	247.5	247.5	247.5
Limit (dB)	12.4	12.4	12.4	12.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	12-36
ACR-N (dB)	5.9	7.6	22.8	27.7
Freq. (MHz)	6.6	6.6	200.5	249.5
Limit (dB)	54.1	54.1	3.0	-2.8
Worst Pair	12	12	45	36
PS ACR-N (dB)	7.8	9.3	29.4	28.7
Freq. (MHz)	6.5	6.5	237.0	249.5
Limit (dB)	51.8	51.8	-4.3	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	78
RL (dB)	3.5	2.4	7.1	2.4
Freq. (MHz)	70.5	90.0	234.0	90.3
Limit (dB)	13.5	12.5	8.3	12.4



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-5004E

Date / Time: 08/28/2020 03:24:46 □□

Headroom 12.8 dB (NEXT 12-36)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e FTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

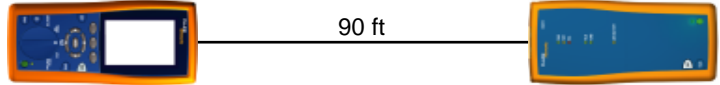
Main S/N: 2433075

Remote S/N: 2433076

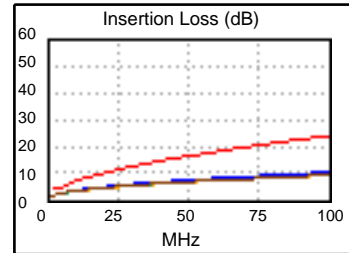
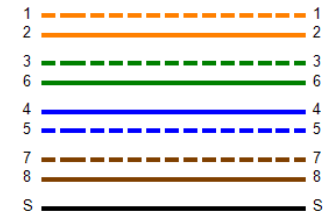
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 12]	90
Prop. Delay (ns), Limit 555	[Pair 45]	142
Delay Skew (ns), Limit 50	[Pair 45]	10
Resistance (ohms), Limit 25.0	[Pair 45]	21.6
Insertion Loss Margin (dB)	[Pair 45]	13.6
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

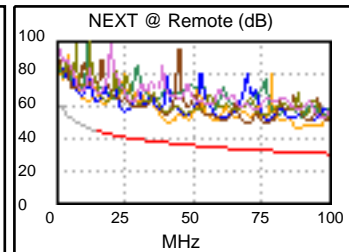
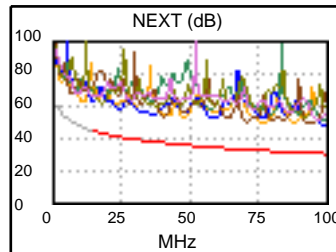


Wire Map (T568B)
PASS

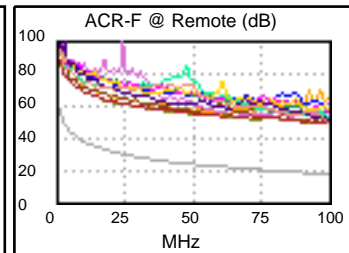
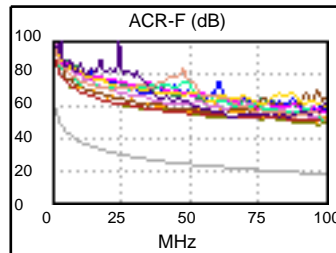


Worst Case Margin Worst Case Value

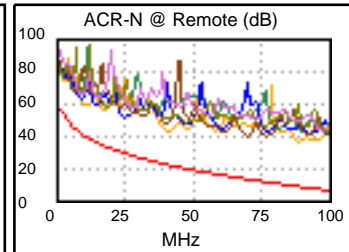
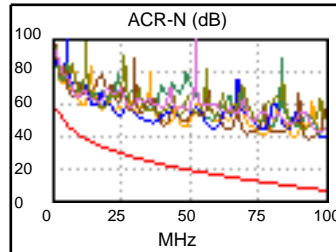
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	12-78	12-36
NEXT (dB)	16.6	12.8	18.0	14.4
Freq. (MHz)	40.3	40.8	99.8	89.0
Limit (dB)	36.8	36.8	30.1	31.0
Worst Pair	36	36	12	12
PS NEXT (dB)	16.9	13.9	18.4	16.4
Freq. (MHz)	40.5	40.5	99.3	89.0
Limit (dB)	33.8	33.8	27.1	28.0



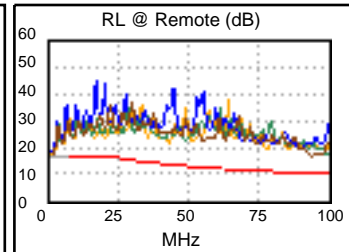
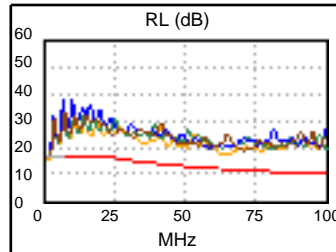
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	30.4	30.6	30.7	31.6
Freq. (MHz)	61.3	42.3	97.5	97.5
Limit (dB)	21.7	24.9	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	31.1	31.1	31.1	32.3
Freq. (MHz)	65.5	62.0	93.3	98.3
Limit (dB)	18.1	18.6	15.0	14.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	12-36
ACR-N (dB)	19.5	20.0	31.0	28.1
Freq. (MHz)	10.6	1.8	93.8	89.0
Limit (dB)	39.2	55.4	7.4	8.4
Worst Pair	12	36	12	12
PS ACR-N (dB)	21.3	20.1	33.0	30.2
Freq. (MHz)	2.5	1.8	99.3	89.3
Limit (dB)	49.9	52.4	3.2	5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
RL (dB)	5.6	6.2	5.6	6.4
Freq. (MHz)	63.0	8.8	63.0	93.3
Limit (dB)	12.0	17.0	12.0	10.3



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: FPC-5004E-L

Date / Time: 08/28/2020 03:22:56 □□

Headroom 14.0 dB (NEXT 12-78)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e FTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

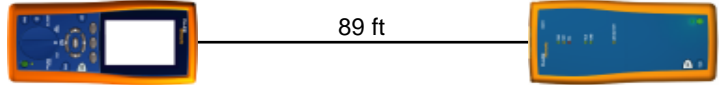
Main S/N: 2433075

Remote S/N: 2433076

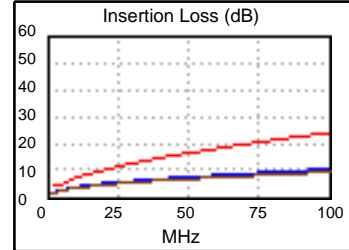
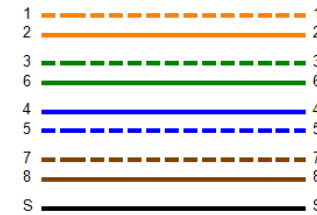
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 12]	89
Prop. Delay (ns), Limit 555	[Pair 45]	140
Delay Skew (ns), Limit 50	[Pair 45]	9
Resistance (ohms), Limit 25.0	[Pair 45]	21.6
Insertion Loss Margin (dB)	[Pair 45]	13.5
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

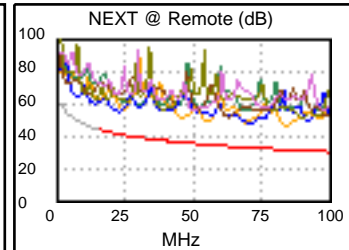
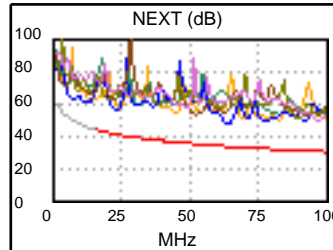


Wire Map (T568B)
PASS

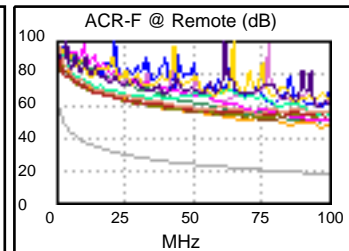
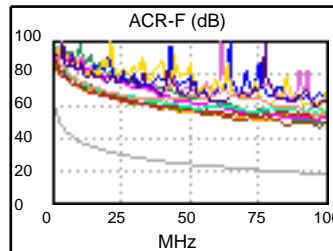


Worst Case Margin Worst Case Value

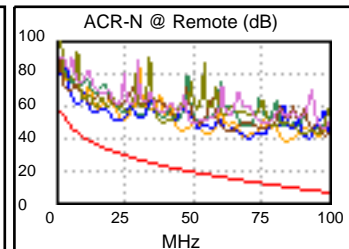
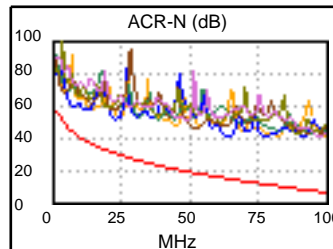
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-36
NEXT (dB)	14.3	14.0	14.3	15.2
Freq. (MHz)	64.0	22.0	64.0	84.3
Limit (dB)	33.4	41.3	33.4	31.4
Worst Pair	12	12	12	12
PS NEXT (dB)	16.2	14.7	17.8	15.1
Freq. (MHz)	23.3	23.0	78.3	70.0
Limit (dB)	37.9	38.0	28.9	29.7



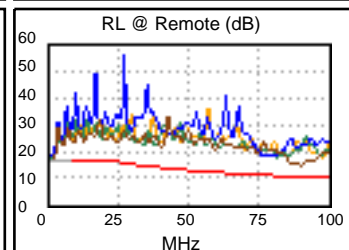
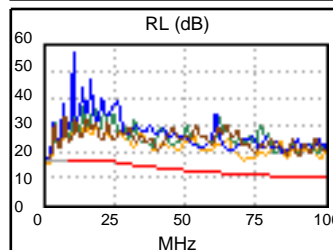
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	36-12	12-36
ACR-F (dB)	29.0	28.7	29.0	28.7
Freq. (MHz)	86.0	97.5	97.3	97.5
Limit (dB)	18.7	17.6	17.6	17.6
Worst Pair	12	36	12	36
PS ACR-F (dB)	30.6	31.2	30.6	31.2
Freq. (MHz)	86.0	97.3	97.3	97.3
Limit (dB)	15.7	14.6	14.6	14.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-36
ACR-N (dB)	16.1	17.6	25.6	28.3
Freq. (MHz)	6.4	6.8	64.0	84.3
Limit (dB)	44.5	43.9	14.6	9.5
Worst Pair	12	12	45	12
PS ACR-N (dB)	18.4	19.8	33.7	27.0
Freq. (MHz)	6.1	6.6	97.5	70.0
Limit (dB)	41.9	41.1	3.6	10.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	78
RL (dB)	5.3	4.3	5.3	4.3
Freq. (MHz)	70.5	90.0	70.5	90.3
Limit (dB)	11.5	10.5	11.5	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-5004E-SOL

Date / Time: 08/28/2020 03:20:53 □□

Headroom 6.3 dB (NEXT 12-78)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e FTP

Calibration Date: 06/04/2013

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

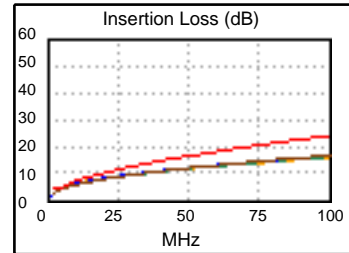
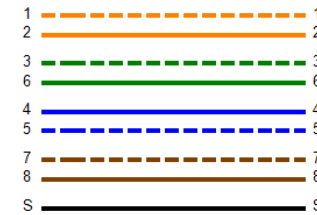
Length (ft)	[Pair 12]	171
Prop. Delay (ns), Limit 555	[Pair 36]	263
Delay Skew (ns), Limit 50	[Pair 36]	11
Resistance (ohms), Limit 25.0	[Pair 12]	16.1
Insertion Loss Margin (dB)	[Pair 45]	7.3
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



171 ft

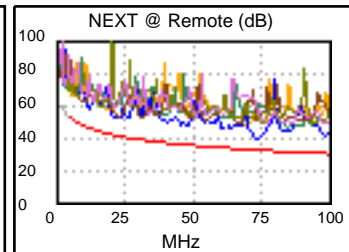
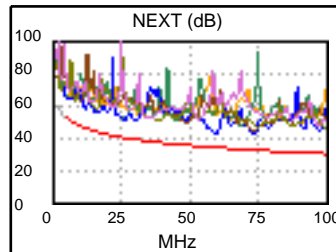


Wire Map (T568B)
PASS

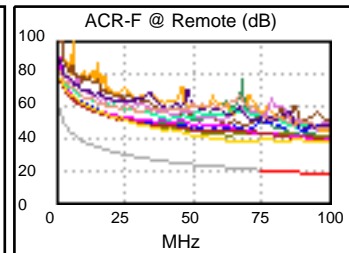
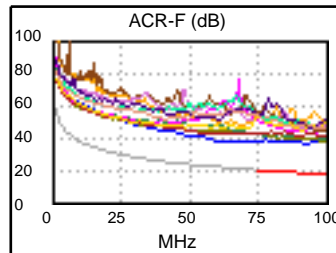


Worst Case Margin Worst Case Value

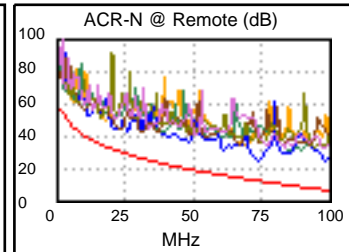
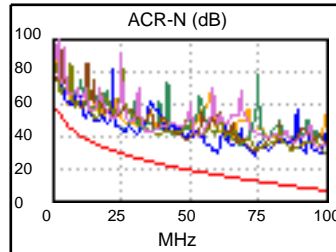
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	8.9	6.3	9.0	6.3
Freq. (MHz)	59.5	73.8	73.8	73.8
Limit (dB)	34.0	32.4	32.4	32.4
Worst Pair	78	12	78	78
PS NEXT (dB)	11.0	9.2	11.0	9.2
Freq. (MHz)	73.8	73.8	73.8	74.0
Limit (dB)	29.4	29.4	29.4	29.3



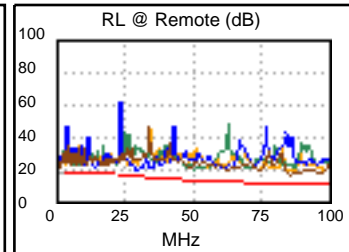
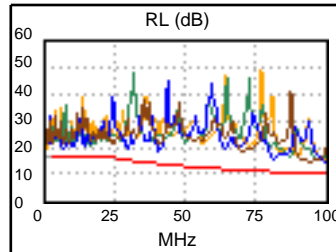
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	16.2	16.6	18.5	18.3
Freq. (MHz)	61.8	58.5	93.5	83.3
Limit (dB)	21.6	22.1	18.0	19.0
Worst Pair	78	12	45	12
PS ACR-F (dB)	19.1	18.4	20.1	19.5
Freq. (MHz)	61.8	61.8	99.8	94.0
Limit (dB)	18.6	18.6	14.4	14.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	12-78	12-78
ACR-N (dB)	13.2	12.4	15.1	12.4
Freq. (MHz)	4.8	73.8	73.8	74.0
Limit (dB)	47.4	12.0	12.0	11.9
Worst Pair	12	12	78	78
PS ACR-N (dB)	11.4	14.2	17.1	20.1
Freq. (MHz)	4.8	20.6	74.0	98.8
Limit (dB)	44.4	28.4	8.9	3.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	78
RL (dB)	2.0	2.8	3.9	5.5
Freq. (MHz)	6.6	29.5	100.0	86.0
Limit (dB)	17.0	15.3	10.0	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	