

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
UPC-5004E-SOL/100	PASS	ISO11801 Channel Class D	257 ft	9.4 dB (NEXT)	01/17/2022 02:00 <input type="checkbox"/>
UPC-5004E-SOC	PASS	ISO11801 Channel Class D	257 ft	9.5 dB (NEXT)	01/17/2022 01:54 <input type="checkbox"/>
UPC-5004E-SO-LSZH	PASS	ISO11801 Channel Class D	252 ft	9.9 dB (NEXT)	01/17/2022 01:52 <input type="checkbox"/>
SPC-5004	PASS	ISO11801 Channel Class D	80 ft	7.7 dB (NEXT)	01/17/2022 01:50 <input type="checkbox"/>
FPC-6004-SO	PASS	ISO11801 Channel Class E	92 ft	3.2 dB (NEXT)	01/17/2022 01:48 <input type="checkbox"/>

Total Length:	938 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: UPC-5004E-SOL/100

Date / Time: 01/17/2022 02:00:16 □□

Headroom 9.4 dB (NEXT 36-45)

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

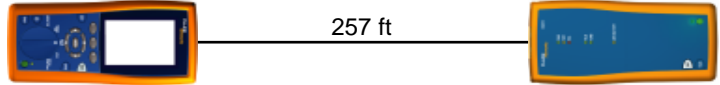
Main S/N: 2433075

Remote S/N: 2433076

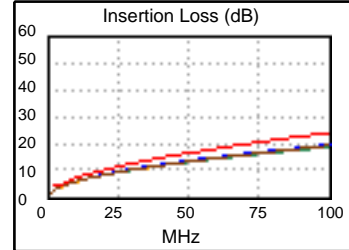
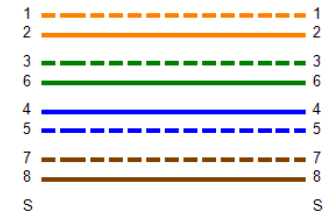
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	257
Prop. Delay (ns), Limit 555	[Pair 36]	390
Delay Skew (ns), Limit 50	[Pair 36]	12
Resistance (ohms), Limit 25.0	[Pair 45]	23.0
Insertion Loss Margin (dB)	[Pair 45]	4.4
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

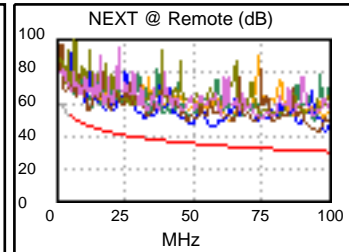
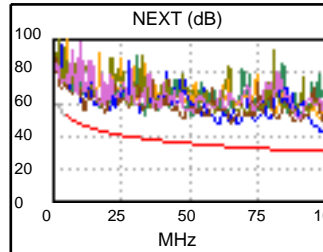


Wire Map (T568B)
PASS

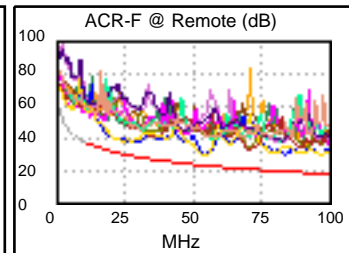
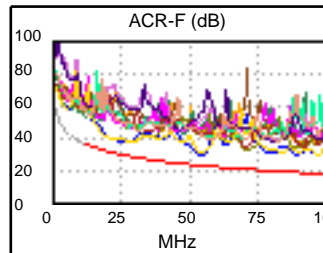


Worst Case Margin Worst Case Value

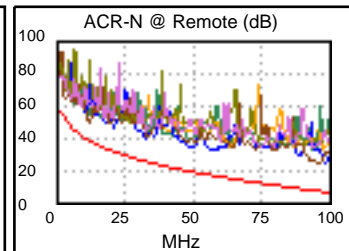
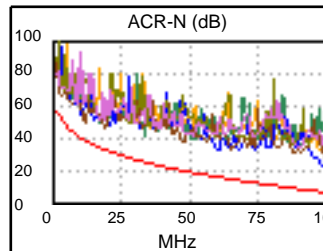
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	36-45
NEXT (dB)	9.4	9.5	11.9	12.4
Freq. (MHz)	11.4	11.5	98.8	96.3
Limit (dB)	46.1	46.0	30.2	30.4
Worst Pair	45	45	12	45
PS NEXT (dB)	12.0	11.8	14.6	15.1
Freq. (MHz)	11.4	11.5	98.8	96.3
Limit (dB)	43.1	43.0	27.2	27.4



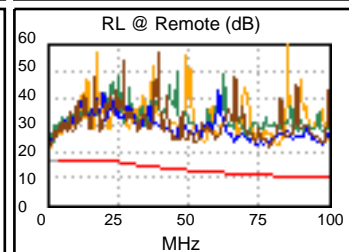
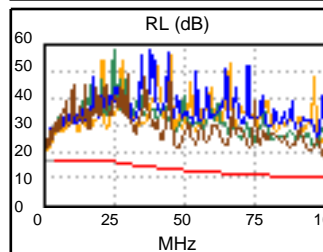
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	12-78
ACR-F (dB)	6.2	6.4	6.3	11.5
Freq. (MHz)	54.0	54.0	54.8	97.5
Limit (dB)	22.8	22.8	22.6	17.6
Worst Pair	78	12	12	12
PS ACR-F (dB)	9.0	8.9	14.1	13.8
Freq. (MHz)	54.0	54.0	97.8	97.0
Limit (dB)	19.8	19.8	14.6	14.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	36-45
ACR-N (dB)	10.6	10.7	16.6	16.8
Freq. (MHz)	11.5	11.5	98.8	96.5
Limit (dB)	38.3	38.3	6.3	6.8
Worst Pair	45	45	78	45
PS ACR-N (dB)	13.2	13.0	19.4	19.5
Freq. (MHz)	11.5	11.5	98.8	96.5
Limit (dB)	35.3	35.3	3.3	3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	45	78	78
RL (dB)	6.4	8.3	7.4	10.6
Freq. (MHz)	3.0	2.9	99.3	78.5
Limit (dB)	17.0	17.0	10.0	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-SOC

Date / Time: 01/17/2022 01:54:03 □□

Headroom 9.5 dB (NEXT 36-45)

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

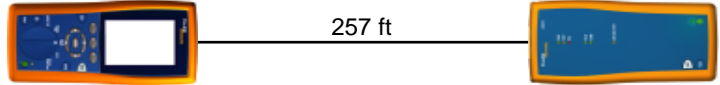
Main S/N: 2433075

Remote S/N: 2433076

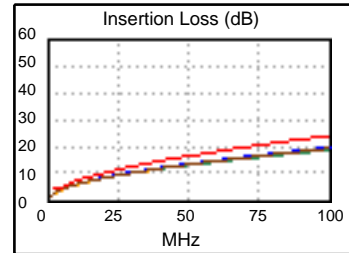
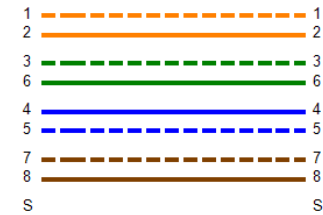
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	257
Prop. Delay (ns), Limit 555	[Pair 36]	390
Delay Skew (ns), Limit 50	[Pair 36]	12
Resistance (ohms), Limit 25.0	[Pair 78]	22.4
Insertion Loss Margin (dB)	[Pair 45]	4.4
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

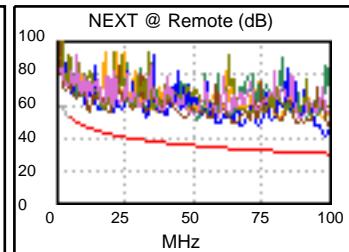
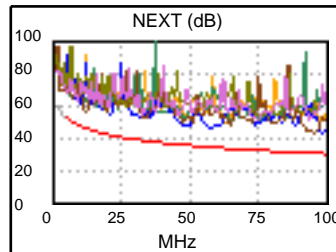


Wire Map (T568B)
PASS

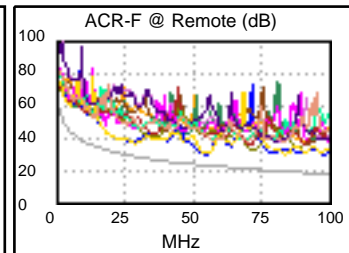
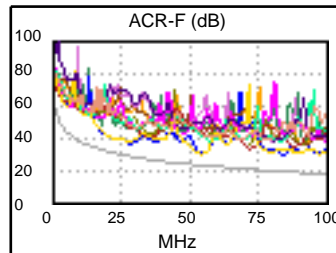


Worst Case Margin Worst Case Value

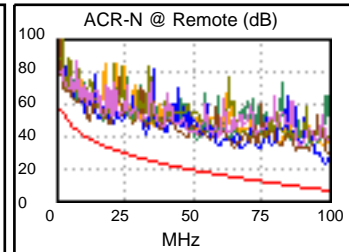
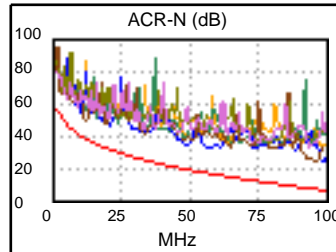
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
NEXT (dB)	9.5	10.1	12.4	11.4
Freq. (MHz)	11.6	11.5	99.0	98.8
Limit (dB)	45.9	46.0	30.2	30.2
Worst Pair	45	45	12	12
PS NEXT (dB)	11.7	12.6	14.9	14.2
Freq. (MHz)	11.6	11.5	99.0	98.8
Limit (dB)	42.9	43.0	27.2	27.2



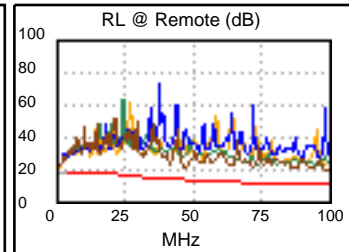
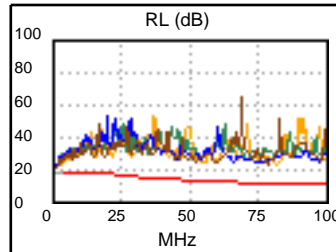
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	12-78	12-78
ACR-F (dB)	7.2	6.9	10.5	6.9
Freq. (MHz)	53.8	54.0	84.5	54.8
Limit (dB)	22.8	22.8	18.9	22.6
Worst Pair	12	78	78	12
PS ACR-F (dB)	10.0	10.0	12.6	13.2
Freq. (MHz)	53.8	53.5	84.5	84.5
Limit (dB)	19.8	19.8	15.9	15.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	10.7	11.4	17.0	16.0
Freq. (MHz)	11.6	11.5	99.0	99.0
Limit (dB)	38.2	38.3	6.3	6.3
Worst Pair	45	45	12	78
PS ACR-N (dB)	12.9	13.9	19.9	18.8
Freq. (MHz)	11.6	11.5	99.3	99.0
Limit (dB)	35.2	35.3	3.2	3.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	78
RL (dB)	6.1	6.7	11.0	8.1
Freq. (MHz)	3.0	47.0	82.3	99.3
Limit (dB)	17.0	13.3	10.8	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: UPC-5004E-SO-LSZH

Date / Time: 01/17/2022 01:52:09 □□

Headroom 9.9 dB (NEXT 36-45)

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

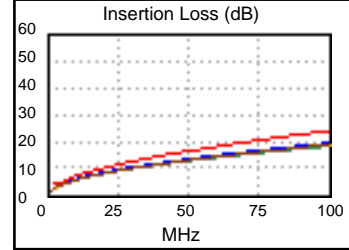
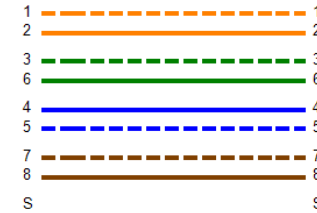
Length (ft)	[Pair 78]	252
Prop. Delay (ns), Limit 555	[Pair 36]	383
Delay Skew (ns), Limit 50	[Pair 36]	12
Resistance (ohms), Limit 25.0	[Pair 45]	24.6
Insertion Loss Margin (dB)	[Pair 45]	4.6
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



252 ft

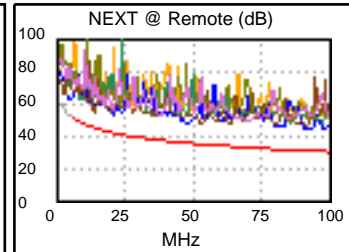
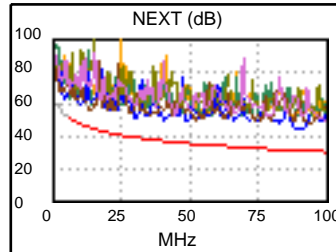


Wire Map (T568B)
PASS

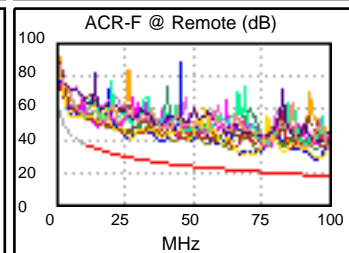
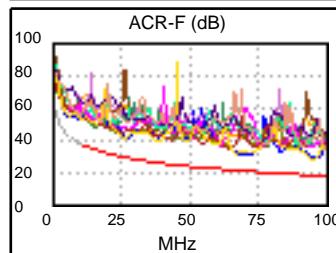


Worst Case Margin Worst Case Value

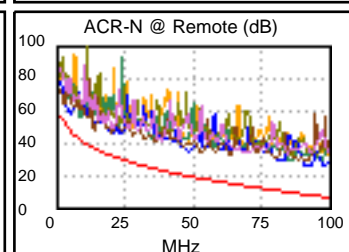
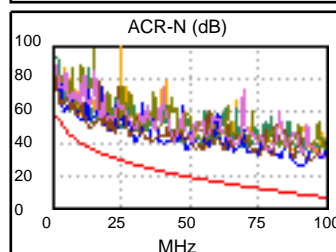
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
NEXT (dB)	10.4	9.9	12.5	12.3
Freq. (MHz)	13.4	13.4	91.5	91.5
Limit (dB)	44.9	44.9	30.7	30.7
Worst Pair	36	45	78	12
PS NEXT (dB)	13.0	12.2	14.9	14.3
Freq. (MHz)	13.4	13.4	91.5	91.8
Limit (dB)	41.9	41.9	27.7	27.7



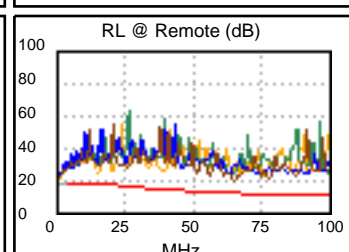
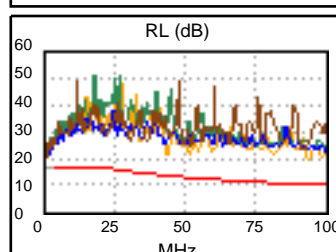
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	9.6	9.5	9.6	9.5
Freq. (MHz)	95.5	95.5	95.5	95.5
Limit (dB)	17.8	17.8	17.8	17.8
Worst Pair	12	78	12	78
PS ACR-F (dB)	11.9	12.2	11.9	12.2
Freq. (MHz)	95.5	95.5	95.5	95.5
Limit (dB)	14.8	14.8	14.8	14.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-78
ACR-N (dB)	10.3	10.1	17.4	17.2
Freq. (MHz)	4.0	2.3	91.5	91.8
Limit (dB)	49.0	53.6	7.9	7.8
Worst Pair	12	45	78	12
PS ACR-N (dB)	13.0	12.9	19.8	20.8
Freq. (MHz)	4.0	2.4	91.8	98.8
Limit (dB)	46.0	50.2	4.8	3.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
RL (dB)	6.3	7.1	9.3	7.4
Freq. (MHz)	3.1	14.9	93.5	65.5
Limit (dB)	17.0	17.0	10.3	11.8



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: SPC-5004

Date / Time: 01/17/2022 01:50:30 □□

Headroom 7.7 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

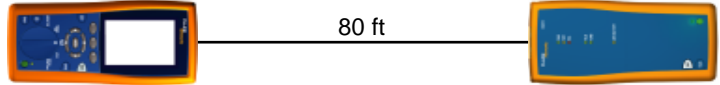
Main S/N: 2433075

Remote S/N: 2433076

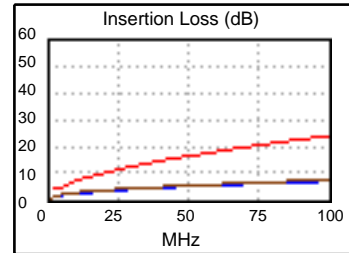
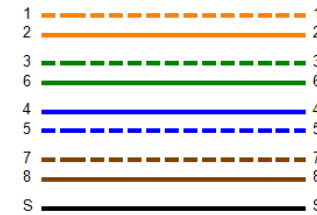
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	80
Prop. Delay (ns), Limit 555	[Pair 36]	123
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms), Limit 25.0	[Pair 78]	10.7
Insertion Loss Margin (dB)	[Pair 78]	16.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

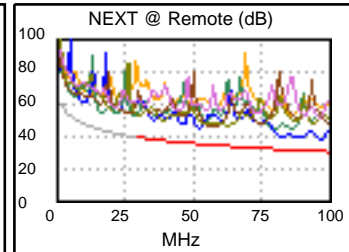
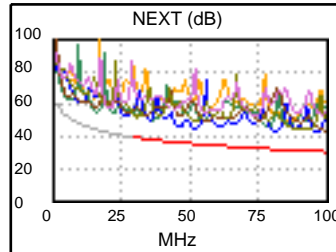


Wire Map (T568B)
PASS

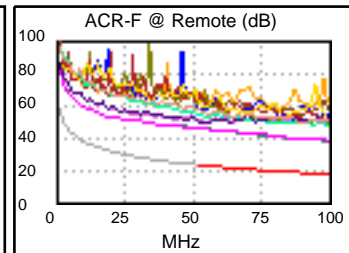
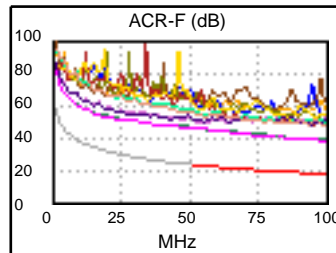


Worst Case Margin Worst Case Value

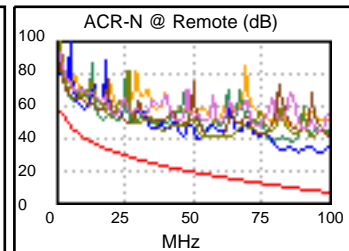
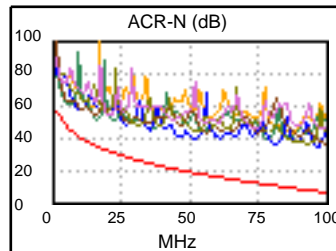
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	9.3	7.7	11.4	7.9
Freq. (MHz)	52.0	82.5	97.0	96.8
Limit (dB)	35.0	31.5	30.3	30.3
Worst Pair	78	12	78	78
PS NEXT (dB)	11.2	10.0	13.6	10.5
Freq. (MHz)	52.0	82.0	96.5	96.8
Limit (dB)	32.0	28.6	27.3	27.3



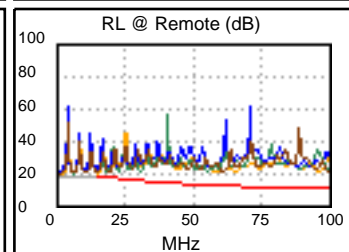
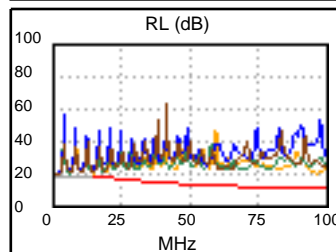
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	20.5	20.7	20.5	20.7
Freq. (MHz)	100.0	99.3	100.0	100.0
Limit (dB)	17.4	17.5	17.4	17.4
Worst Pair	12	45	12	45
PS ACR-F (dB)	23.4	23.0	23.4	23.0
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	14.4	14.4	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-78
ACR-N (dB)	14.6	17.2	27.6	24.1
Freq. (MHz)	5.0	16.3	97.0	96.8
Limit (dB)	46.9	34.3	6.7	6.7
Worst Pair	45	45	78	78
PS ACR-N (dB)	15.1	17.9	29.7	26.7
Freq. (MHz)	4.4	5.5	96.5	96.8
Limit (dB)	45.2	43.0	3.8	3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	2.7	2.7	2.7	2.7
Freq. (MHz)	14.6	14.6	14.6	14.6
Limit (dB)	17.0	17.0	17.0	17.0



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-SO

Date / Time: 01/17/2022 01:48:36

Headroom 3.2 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

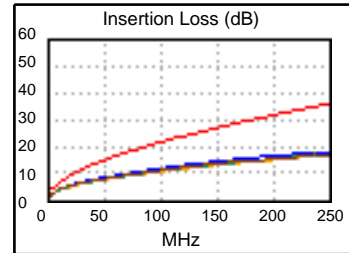
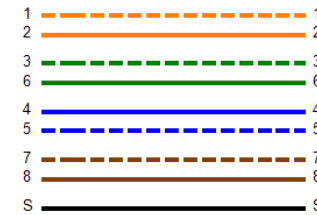
Length (ft)	[Pair 78]	92
Prop. Delay (ns), Limit 555	[Pair 45]	142
Delay Skew (ns), Limit 50	[Pair 45]	8
Resistance (ohms), Limit 25.0	[Pair 78]	19.1
Insertion Loss Margin (dB)	[Pair 45]	17.8
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



92 ft



Wire Map (T568B)
PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
NEXT (dB)	4.9	3.2	6.7	4.5
Freq. (MHz)	19.1	19.1	213.5	206.0
Limit (dB)	52.0	52.0	34.3	34.6
Worst Pair	12	78	36	12
PS NEXT (dB)	7.0	5.7	8.0	7.1
Freq. (MHz)	30.1	18.9	213.0	206.5
Limit (dB)	46.0	49.4	31.4	31.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	78-36	36-45
ACR-F (dB)	22.0	20.8	22.4	20.8
Freq. (MHz)	204.0	204.0	227.0	204.0
Limit (dB)	17.1	17.1	16.1	17.1
Worst Pair	36	78	36	78
PS ACR-F (dB)	23.4	23.8	23.4	24.1
Freq. (MHz)	219.5	100.0	219.5	227.0
Limit (dB)	13.4	20.3	13.4	13.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
ACR-N (dB)	7.0	5.4	22.7	21.4
Freq. (MHz)	5.8	5.8	213.5	207.0
Limit (dB)	55.5	55.5	1.4	2.2
Worst Pair	78	78	36	78
PS ACR-N (dB)	7.5	6.8	24.6	24.0
Freq. (MHz)	5.4	5.8	213.0	207.0
Limit (dB)	53.6	53.0	-1.5	-0.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	36
RL (dB)	2.2	3.3	4.2	3.6
Freq. (MHz)	5.0	8.3	197.5	214.0
Limit (dB)	19.0	19.0	9.0	8.7

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	

