

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
FPC-5004E-SOL/100	PASS	ISO11801 Channel Class D	170 ft	7.2 dB (NEXT)	08/28/2023 02:21 ☐
FPC-6004-SOL	PASS	ISO11801 Channel Class E	96 ft	2.8 dB (NEXT)	08/28/2023 02:23 ☐
FPC-6004-L/100	PASS	ISO11801 Channel Class E	68 ft	2.7 dB (NEXT)	08/28/2023 02:25 ☐
UPC-6004SE-SO	PASS	ISO11801 Channel Class E	252 ft	4.3 dB (NEXT)	08/28/2023 02:27 ☐

Total Length:	586 ft
Number of Reports:	4
Number of Passing Reports:	4
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: FPC-5004E-SOL/100

Date / Time: 08/28/2023 02:21:08 □□

Headroom 7.2 dB (NEXT 12-78)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e FTP

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

Main S/N: 2433075

Remote S/N: 2433076

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

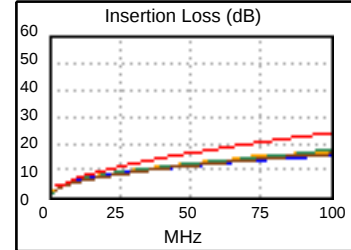
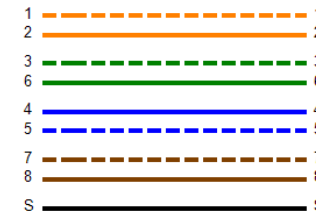
Length (ft)	[Pair 78]	170
Prop. Delay (ns), Limit 555	[Pair 36]	264
Delay Skew (ns), Limit 50	[Pair 36]	13
Resistance (ohms), Limit 25.0	[Pair 45]	18.6
Insertion Loss Margin (dB)	[Pair 36]	5.5
Frequency (MHz)	[Pair 36]	94.3
Limit (dB)	[Pair 36]	23.2



170 ft

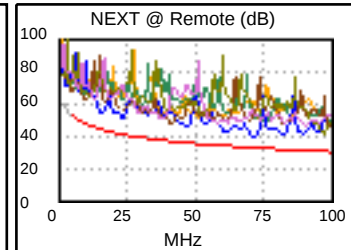
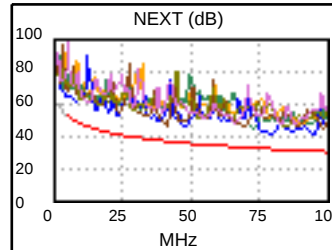


Wire Map (T568B) PASS

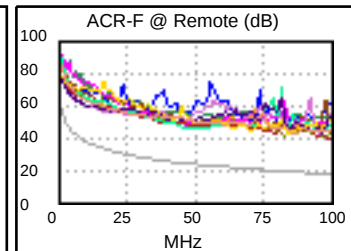
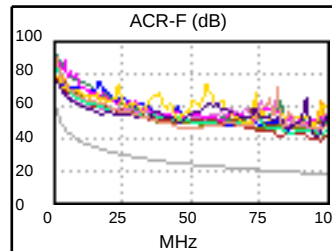


Worst Case Margin Worst Case Value

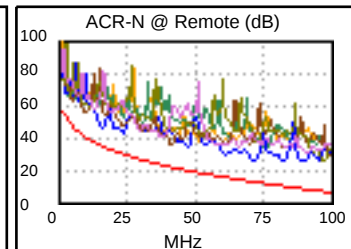
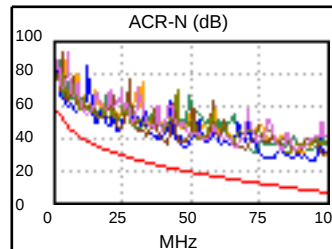
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	9.5	7.2	10.0	7.2
Freq. (MHz)	79.3	71.0	95.3	71.0
Limit (dB)	31.8	32.6	30.4	32.6
Worst Pair	12	78	12	78
PS NEXT (dB)	11.7	9.9	12.1	9.9
Freq. (MHz)	79.0	71.5	95.3	71.5
Limit (dB)	28.8	29.6	27.4	29.6



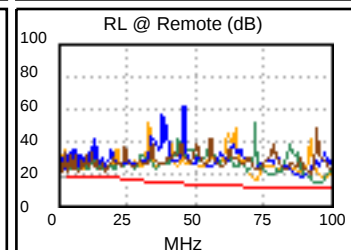
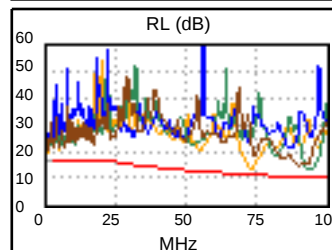
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	78-36	45-36	45-36
ACR-F (dB)	20.5	21.2	20.5	21.2
Freq. (MHz)	97.0	4.8	97.0	99.0
Limit (dB)	17.7	43.9	17.7	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	21.5	22.3	21.5	22.3
Freq. (MHz)	97.0	6.6	97.0	97.3
Limit (dB)	14.7	38.0	14.7	14.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	11.7	11.7	17.4	17.2
Freq. (MHz)	2.5	15.4	95.3	90.0
Limit (dB)	52.9	35.0	7.1	8.2
Worst Pair	12	12	12	36
PS ACR-N (dB)	13.0	13.5	18.6	20.0
Freq. (MHz)	2.8	15.4	95.3	97.5
Limit (dB)	49.2	32.0	4.1	3.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	36	36
RL (dB)	1.5	2.8	2.2	3.5
Freq. (MHz)	72.8	6.9	94.0	94.5
Limit (dB)	11.4	17.0	10.3	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

Date / Time: 08/28/2023 02:23:04 □□

Headroom 2.8 dB (NEXT 45-78)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 FTP

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 70.0%

Test Summary: PASS

Model: DTX-1800

Main S/N: 2433075

Remote S/N: 2433076

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

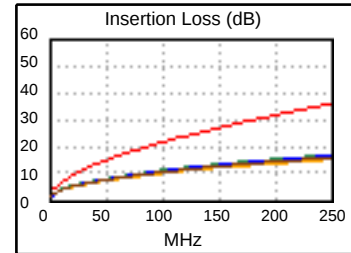
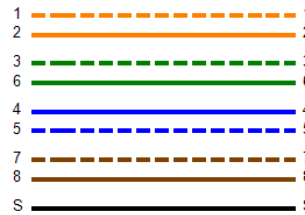
Length (ft)	[Pair 12]	96
Prop. Delay (ns), Limit 555	[Pair 45]	149
Delay Skew (ns), Limit 50	[Pair 45]	9
Resistance (ohms), Limit 25.0	[Pair 36]	19.1
Insertion Loss Margin (dB)	[Pair 36]	19.1
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



96 ft

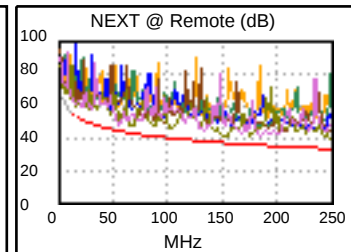
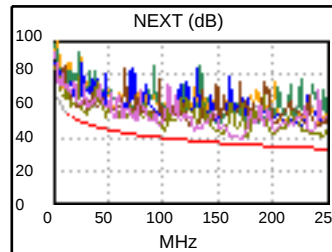


Wire Map (T568B)
PASS

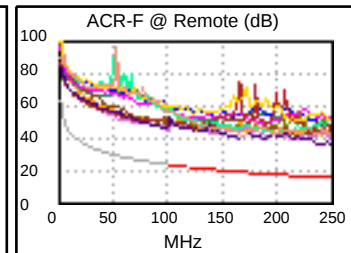
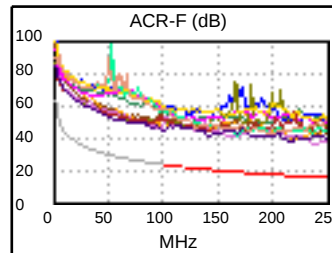


Worst Case Margin Worst Case Value

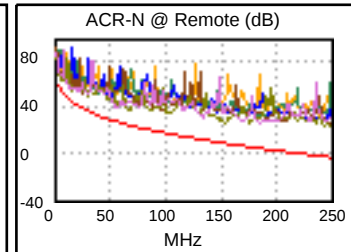
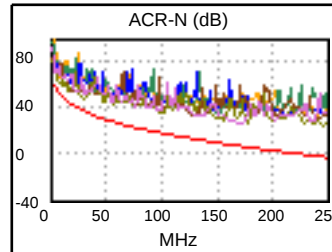
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-78	45-78	36-78
NEXT (dB)	2.8	3.2	2.8	6.6
Freq. (MHz)	170.0	153.5	170.0	249.5
Limit (dB)	36.0	36.8	36.0	33.1
Worst Pair	78	78	78	36
PS NEXT (dB)	5.2	4.5	5.2	8.0
Freq. (MHz)	169.5	54.8	169.5	250.0
Limit (dB)	33.1	41.6	33.1	30.2



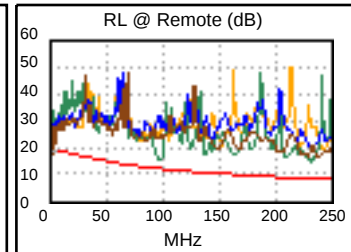
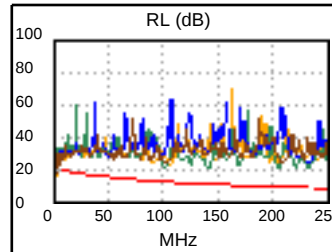
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	78-36	36-78	78-36
ACR-F (dB)	19.8	19.5	20.4	19.5
Freq. (MHz)	100.0	241.5	241.5	241.5
Limit (dB)	23.3	15.6	15.6	15.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	20.8	22.4	22.1	22.4
Freq. (MHz)	140.5	241.5	219.5	241.5
Limit (dB)	17.3	12.6	13.4	12.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	9.1	8.0	27.5	26.5
Freq. (MHz)	6.9	3.5	244.0	250.0
Limit (dB)	53.8	60.0	-2.2	-2.8
Worst Pair	36	78	36	36
PS ACR-N (dB)	10.2	8.9	28.0	27.2
Freq. (MHz)	6.9	3.5	244.0	250.0
Limit (dB)	51.2	57.5	-5.1	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	36	36
RL (dB)	5.1	2.9	8.1	6.0
Freq. (MHz)	5.4	97.8	101.0	233.5
Limit (dB)	19.0	12.1	12.0	8.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



Cable ID: FPC-6004-L/100

Date / Time: 08/28/2023 02:25:58 □□

Headroom 2.7 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

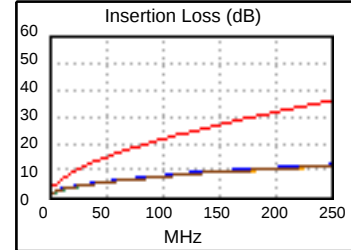
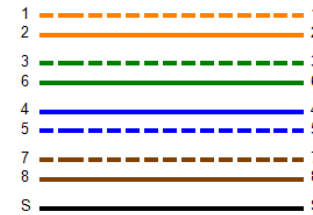
Length (ft)	[Pair 78]	68
Prop. Delay (ns), Limit 555	[Pair 45]	106
Delay Skew (ns), Limit 50	[Pair 45]	7
Resistance (ohms), Limit 25.0	[Pair 36]	14.3
Insertion Loss Margin (dB)	[Pair 45]	23.6
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



68 ft

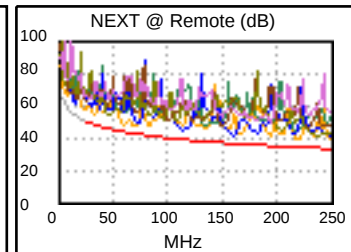
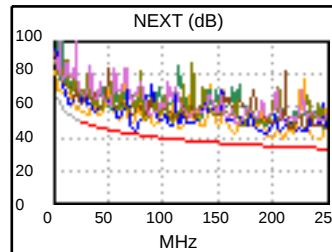


Wire Map (T568B)
PASS

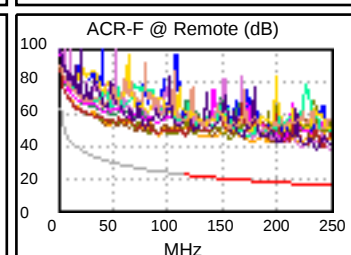
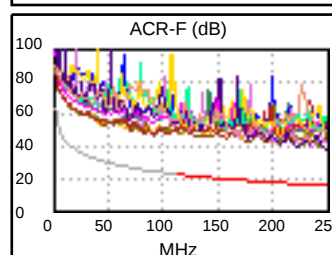


Worst Case Margin Worst Case Value

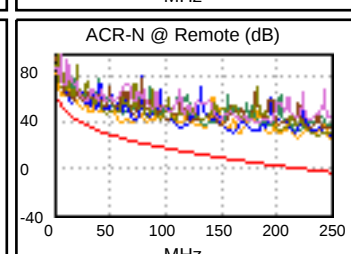
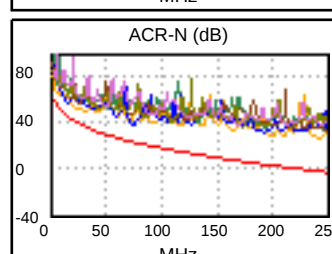
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-36	12-36	12-36
NEXT (dB)	2.7	4.1	5.5	5.3
Freq. (MHz)	73.5	59.0	242.0	250.0
Limit (dB)	42.2	43.8	33.4	33.1
Worst Pair	12	12	12	36
PS NEXT (dB)	4.4	5.0	7.8	6.3
Freq. (MHz)	72.5	70.5	243.0	250.0
Limit (dB)	39.5	39.7	30.4	30.2



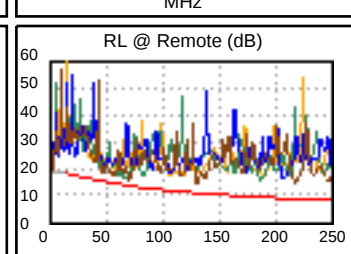
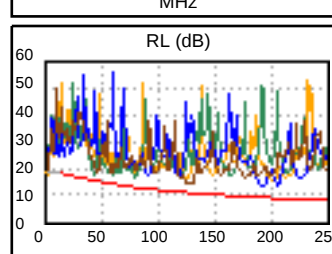
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	78-36	36-78
ACR-F (dB)	22.1	22.3	22.3	22.6
Freq. (MHz)	70.0	69.8	250.0	250.0
Limit (dB)	26.4	26.4	15.3	15.3
Worst Pair	36	36	36	78
PS ACR-F (dB)	22.9	22.6	24.8	24.7
Freq. (MHz)	90.5	90.0	250.0	250.0
Limit (dB)	21.1	21.2	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	7.2	8.6	28.8	29.2
Freq. (MHz)	3.0	4.5	243.0	250.0
Limit (dB)	61.0	57.8	-2.0	-2.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	9.2	9.6	31.2	30.3
Freq. (MHz)	3.3	4.3	242.0	250.0
Limit (dB)	58.0	55.8	-4.9	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	45	78
RL (dB)	1.8	1.9	4.0	3.4
Freq. (MHz)	43.0	69.8	192.5	130.5
Limit (dB)	15.7	13.6	9.2	10.8



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



Cable ID: UPC-6004SE-SO

Date / Time: 08/28/2023 02:27:21 □□

Headroom 4.3 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

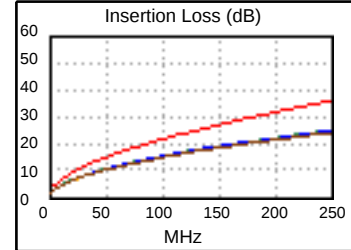
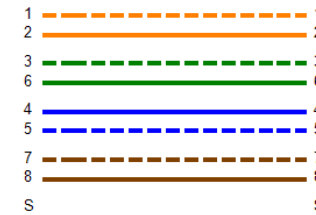
Length (ft)	[Pair 78]	252
Prop. Delay (ns), Limit 555	[Pair 36]	386
Delay Skew (ns), Limit 50	[Pair 36]	15
Resistance (ohms), Limit 25.0	[Pair 36]	11.6
Insertion Loss Margin (dB)	[Pair 36]	10.9
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



252 ft

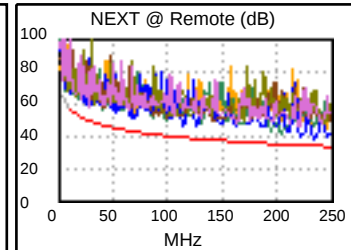
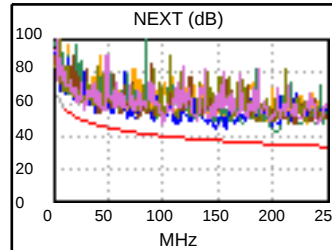


Wire Map (T568B) PASS

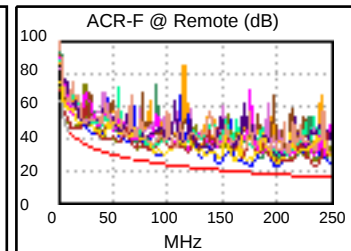
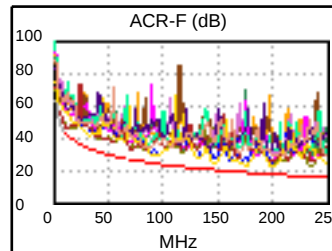


Worst Case Margin Worst Case Value

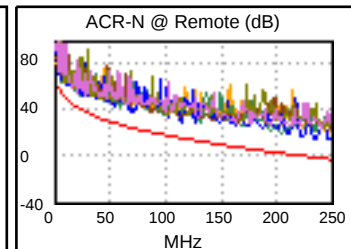
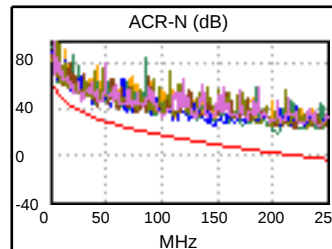
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-78	12-45	12-78
NEXT (dB)	6.3	4.3	7.1	4.3
Freq. (MHz)	27.5	235.0	204.5	235.0
Limit (dB)	49.3	33.6	34.6	33.6
Worst Pair	45	12	12	12
PS NEXT (dB)	7.6	6.0	8.9	6.0
Freq. (MHz)	27.4	235.0	204.5	235.0
Limit (dB)	46.7	30.6	31.7	30.6



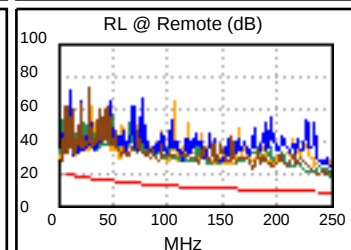
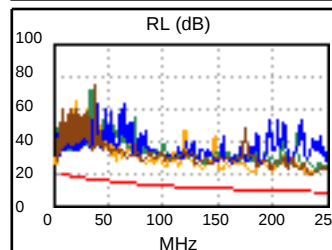
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	3.5	3.5	5.7	5.5
Freq. (MHz)	11.3	11.3	236.0	236.0
Limit (dB)	42.2	42.2	15.8	15.8
Worst Pair	45	45	45	78
PS ACR-F (dB)	6.0	6.1	7.9	6.7
Freq. (MHz)	11.3	10.8	236.0	199.5
Limit (dB)	39.2	39.6	12.8	14.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-78
ACR-N (dB)	8.6	9.2	17.0	15.8
Freq. (MHz)	5.6	5.8	204.5	235.0
Limit (dB)	55.7	55.5	2.5	-1.1
Worst Pair	12	12	45	12
PS ACR-N (dB)	8.4	9.6	19.0	17.4
Freq. (MHz)	5.6	5.9	204.0	235.0
Limit (dB)	53.2	52.8	-0.4	-4.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	36
RL (dB)	10.6	10.0	10.6	10.0
Freq. (MHz)	233.0	250.0	233.0	250.0
Limit (dB)	8.3	8.0	8.3	8.0



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	