

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
FPC-5004E-SOL/100	PASS	ISO11801 Channel Class D	206 ft	6.9 dB (NEXT)	04/24/2024 02:19 ☐
FPC-6004-L/100	PASS	ISO11801 Channel Class E	94 ft	2.7 dB (NEXT)	04/24/2024 02:20 ☐
UPC-5004E-SOC-B	PASS	ISO11801 Channel Class D	227 ft	9.2 dB (NEXT)	04/24/2024 02:17 ☐
FPC-6004-SOL/100	PASS	ISO11801 Channel Class E	94 ft	2.5 dB (NEXT)	04/24/2024 02:16 ☐

Total Length:	621 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: 04/24/2024 02:19:03 □□

Headroom 6.9 dB (NEXT 36-45)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e F/UTP

Operator: JACK

Software Version: 2.7800

Limits Version: 1.9500

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

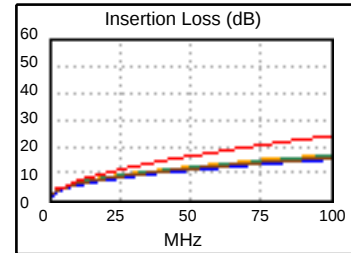
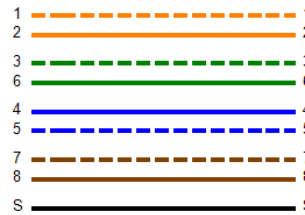
Length (ft)	[Pair 78]	206
Prop. Delay (ns), Limit 555	[Pair 36]	318
Delay Skew (ns), Limit 50	[Pair 36]	14
Resistance (ohms), Limit 25.0	[Pair 36]	12.7
Insertion Loss Margin (dB)	[Pair 12]	7.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



206 ft



Wire Map (T568B)
PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	12-78
NEXT (dB)	6.9	9.2	6.9	12.0
Freq. (MHz)	42.3	8.9	42.3	85.0
Limit (dB)	36.5	47.9	36.5	31.3
Worst Pair	36	36	12	78
PS NEXT (dB)	9.8	11.8	13.4	13.3
Freq. (MHz)	41.8	8.9	77.8	85.0
Limit (dB)	33.6	44.9	29.0	28.3

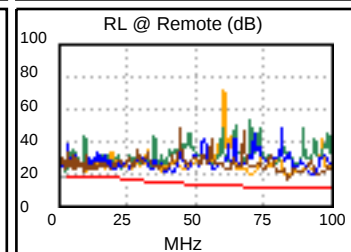
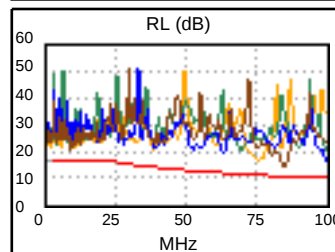
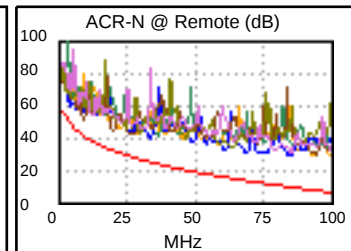
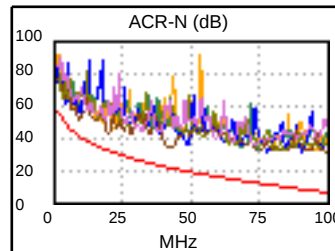
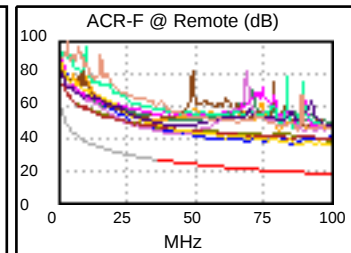
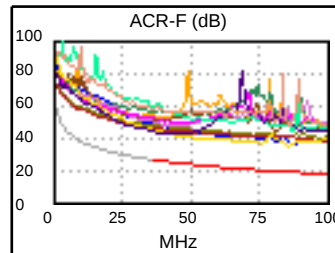
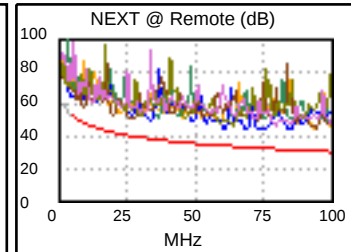
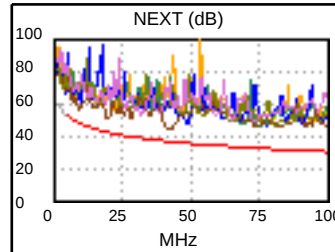
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	15.7	16.1	15.7	16.1
Freq. (MHz)	86.0	86.0	86.0	86.0
Limit (dB)	18.7	18.7	18.7	18.7
Worst Pair	36	78	12	78
PS ACR-F (dB)	17.8	17.5	18.4	18.4
Freq. (MHz)	38.5	38.5	86.0	86.0
Limit (dB)	22.7	22.7	15.7	15.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	12-78
ACR-N (dB)	9.9	10.7	24.0	18.5
Freq. (MHz)	8.9	8.8	100.0	85.0
Limit (dB)	41.1	41.3	6.1	9.3
Worst Pair	36	36	12	36
PS ACR-N (dB)	11.6	12.4	19.0	21.4
Freq. (MHz)	9.0	8.9	77.8	94.0
Limit (dB)	38.0	38.1	8.0	4.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	78
RL (dB)	3.3	3.9	3.3	4.7
Freq. (MHz)	84.5	10.3	84.5	84.8
Limit (dB)	10.7	17.0	10.7	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	





Cable ID: FPC-6004-L/100

Date / Time: 04/24/2024 02:20:34 □□

Headroom 2.7 dB (NEXT 45-78)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 F/UTP

Operator: JACK

Software Version: 2.7800

Limits Version: 1.9500

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

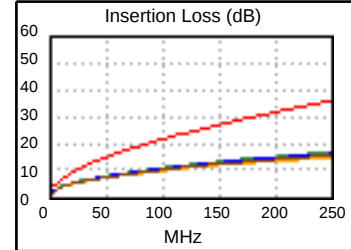
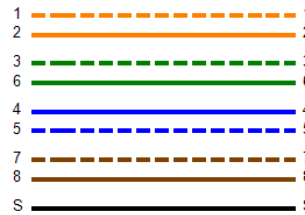
Length (ft)	[Pair 12]	94
Prop. Delay (ns), Limit 555	[Pair 45]	147
Delay Skew (ns), Limit 50	[Pair 45]	10
Resistance (ohms), Limit 25.0	[Pair 36]	18.3
Insertion Loss Margin (dB)	[Pair 36]	19.4
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



94 ft

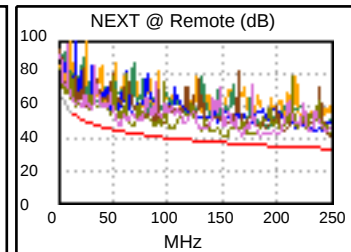
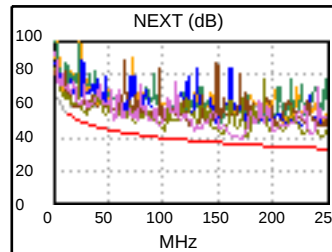


Wire Map (T568B) PASS

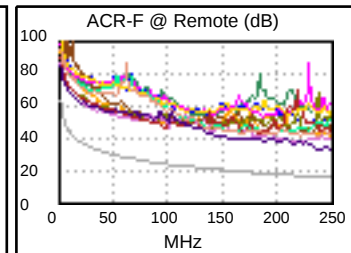
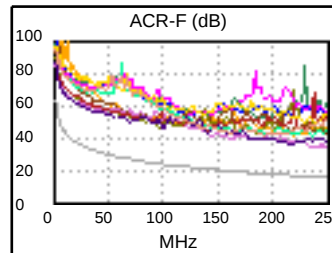


Worst Case Margin Worst Case Value

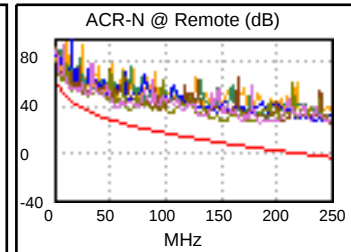
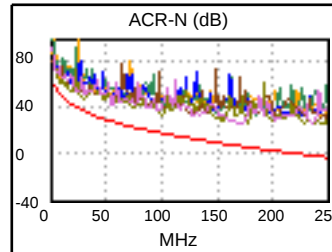
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	36-78
NEXT (dB)	2.7	3.0	2.7	3.7
Freq. (MHz)	170.0	55.0	170.0	154.0
Limit (dB)	36.0	44.3	36.0	36.7
Worst Pair	78	78	78	36
PS NEXT (dB)	5.1	4.2	5.1	8.7
Freq. (MHz)	169.5	54.8	169.5	250.0
Limit (dB)	33.1	41.6	33.1	30.2



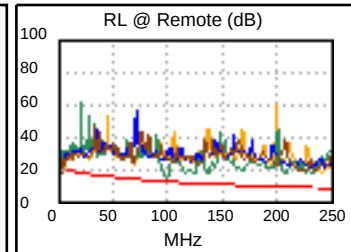
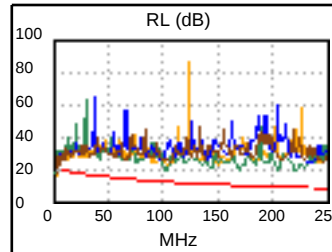
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	78-36
ACR-F (dB)	18.1	17.1	18.1	17.1
Freq. (MHz)	240.0	240.0	240.0	241.5
Limit (dB)	15.7	15.7	15.7	15.6
Worst Pair	78	36	78	36
PS ACR-F (dB)	20.5	20.5	20.5	20.5
Freq. (MHz)	239.0	241.5	239.0	241.5
Limit (dB)	12.7	12.6	12.7	12.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-45
ACR-N (dB)	9.8	7.9	27.8	28.0
Freq. (MHz)	6.8	3.1	244.5	250.0
Limit (dB)	54.0	60.8	-2.2	-2.8
Worst Pair	36	78	36	36
PS ACR-N (dB)	10.5	8.7	28.4	28.2
Freq. (MHz)	7.1	3.4	244.5	250.0
Limit (dB)	50.9	57.7	-5.2	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	36	36
RL (dB)	4.7	2.5	8.6	2.5
Freq. (MHz)	5.5	98.5	170.5	99.0
Limit (dB)	19.0	12.1	9.7	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-5004E-SOC-B

Date / Time: 04/24/2024 02:17:45 □□

Headroom 9.2 dB (NEXT 45-78)

Test Limit: ISO11801 Channel Class D

Cable Type: Cat 5e U/UTP

Operator: JACK

Software Version: 2.7800

Limits Version: 1.9500

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

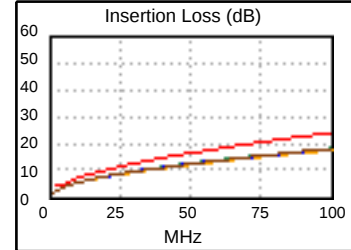
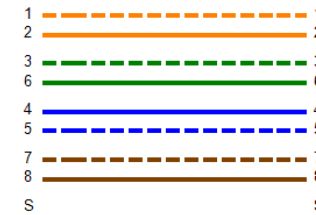
Length (ft)	[Pair 78]	227
Prop. Delay (ns), Limit 555	[Pair 36]	346
Delay Skew (ns), Limit 50	[Pair 36]	11
Resistance (ohms), Limit 25.0	[Pair 36]	21.4
Insertion Loss Margin (dB)	[Pair 36]	5.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



227 ft

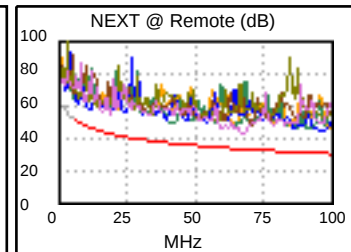
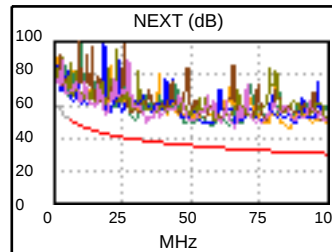


Wire Map (T568B) PASS

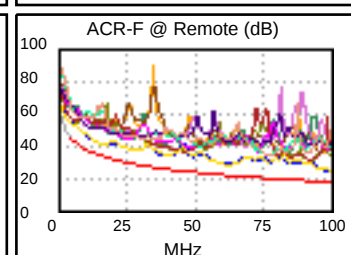
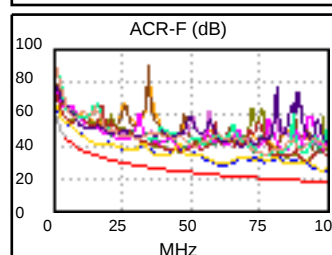


Worst Case Margin Worst Case Value

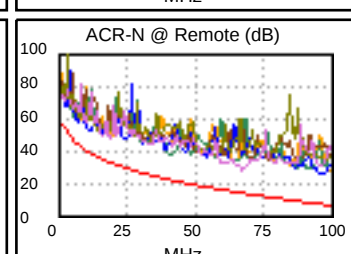
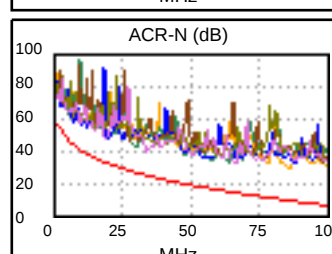
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	45-78
NEXT (dB)	11.2	9.2	15.1	9.2
Freq. (MHz)	34.0	67.3	86.8	67.3
Limit (dB)	38.1	33.0	31.1	33.0
Worst Pair	12	45	12	45
PS NEXT (dB)	13.0	11.4	13.0	11.4
Freq. (MHz)	57.8	67.0	58.0	67.3
Limit (dB)	31.2	30.1	31.1	30.0



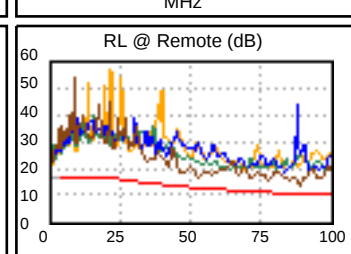
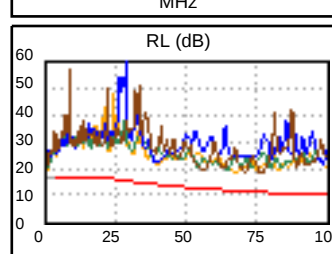
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	12-78
ACR-F (dB)	5.7	6.0	7.0	6.4
Freq. (MHz)	62.5	62.5	100.0	99.0
Limit (dB)	21.5	21.5	17.4	17.5
Worst Pair	78	12	12	12
PS ACR-F (dB)	8.5	8.5	9.5	9.5
Freq. (MHz)	62.5	62.5	98.5	97.8
Limit (dB)	18.5	18.5	14.5	14.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	12-78
ACR-N (dB)	13.4	13.1	20.5	18.9
Freq. (MHz)	6.6	2.0	86.8	97.3
Limit (dB)	44.1	54.4	8.9	6.6
Worst Pair	78	78	36	78
PS ACR-N (dB)	14.6	14.0	25.0	20.5
Freq. (MHz)	6.6	1.8	100.0	97.3
Limit (dB)	41.1	52.4	3.1	3.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	6.5	3.0	6.5	3.0
Freq. (MHz)	76.8	88.8	76.8	88.8
Limit (dB)	11.1	10.5	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: FPC-6004-SOL/100

Date / Time: 04/24/2024 02:16:29 □□

Headroom 2.5 dB (NEXT 45-78)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 F/UTP

Operator: JACK

Software Version: 2.7800

Limits Version: 1.9500

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]	94
Prop. Delay (ns), Limit 555	[Pair 45]	147
Delay Skew (ns), Limit 50	[Pair 45]	10
Resistance (ohms), Limit 25.0	[Pair 36]	18.3
Insertion Loss Margin (dB)	[Pair 36]	19.4
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	3.0	2.5	5.1	2.5
Freq. (MHz)	55.0	170.0	185.0	170.0
Limit (dB)	44.3	36.0	35.4	36.0
Worst Pair	78	78	36	78
PS NEXT (dB)	4.2	4.9	8.9	4.9
Freq. (MHz)	54.8	169.5	250.0	169.5
Limit (dB)	41.6	33.1	30.2	33.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	18.1	19.1	18.1	19.1
Freq. (MHz)	239.5	239.5	241.0	241.0
Limit (dB)	15.7	15.7	15.6	15.6
Worst Pair	36	78	36	78
PS ACR-F (dB)	20.7	20.5	20.7	20.5
Freq. (MHz)	239.5	239.0	241.0	239.0
Limit (dB)	12.7	12.7	12.6	12.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	45-78
ACR-N (dB)	7.7	10.0	28.2	18.4
Freq. (MHz)	3.1	6.8	250.0	170.0
Limit (dB)	60.8	54.0	-2.8	7.0
Worst Pair	78	36	36	36
PS ACR-N (dB)	8.7	10.6	28.4	28.5
Freq. (MHz)	3.3	7.1	250.0	244.0
Limit (dB)	58.0	50.9	-5.8	-5.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	36
RL (dB)	2.0	5.2	2.0	8.1
Freq. (MHz)	98.8	5.5	98.8	222.5
Limit (dB)	12.1	19.0	12.1	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	



94 ft



Wire Map (T568B)
PASS

