

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
FPC-5004E-SOL/100	PASS	ISO11801 Channel Class D	206 ft	6.7 dB (NEXT)	10/14/2024 02:24 <input type="checkbox"/>
FPC-6004-SOL	PASS	ISO11801 Channel Class E	94 ft	2.5 dB (NEXT)	10/14/2024 02:26 <input type="checkbox"/>
UPC-6004SE-L	PASS	ISO11801 Channel Class E	83 ft	8.6 dB (NEXT)	10/14/2024 02:27 <input type="checkbox"/>
UPC-6004SE-SO	PASS	ISO11801 Channel Class E	252 ft	4.5 dB (NEXT)	10/14/2024 02:28 <input type="checkbox"/>

Total Length:	635 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**

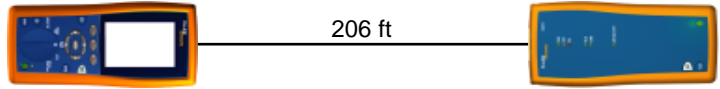
Date / Time: 10/14/2024 02:24:33 □□  
**Headroom 6.7 dB (NEXT 36-45)**  
**Test Limit: ISO11801 Channel Class D**  
 Cable Type: Cat 5e F/UTP

Operator: JACK  
 Software Version: 2.7800  
 Limits Version: 1.9500  
 NVP: 69.0%

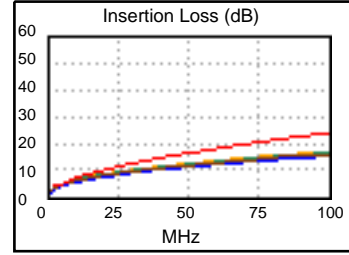
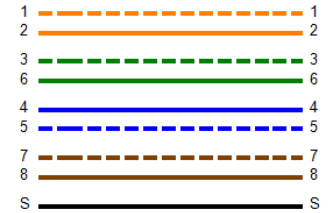
**Test Summary: PASS**

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 78]	15.7
Insertion Loss Margin (dB)	[Pair 12]	7.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

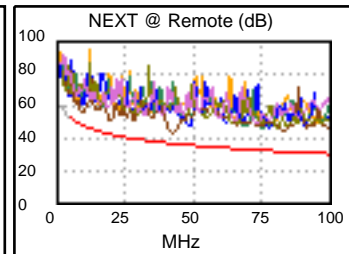
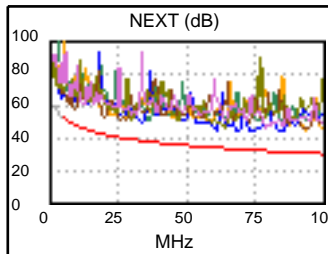


Wire Map (T568B)  
**PASS**

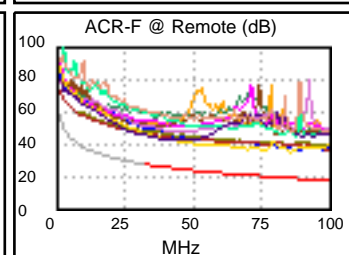
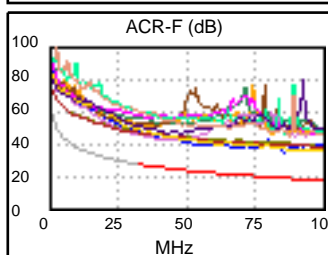


Worst Case Margin Worst Case Value

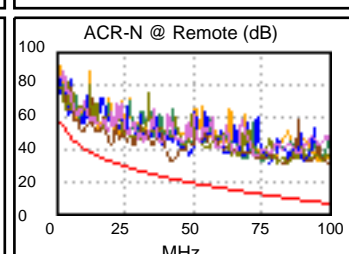
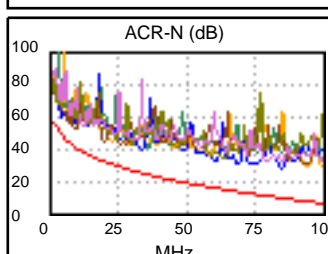
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	36-45
<b>NEXT (dB)</b>	9.4	6.7	12.1	6.7
Freq. (MHz)	8.9	42.3	85.0	42.3
Limit (dB)	47.9	36.5	31.3	36.5
Worst Pair	36	36	78	12
<b>PS NEXT (dB)</b>	11.9	9.5	13.5	13.6
Freq. (MHz)	9.0	42.3	85.0	77.8
Limit (dB)	44.8	33.5	28.3	29.0



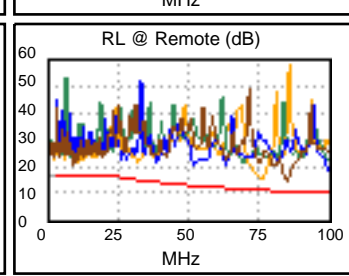
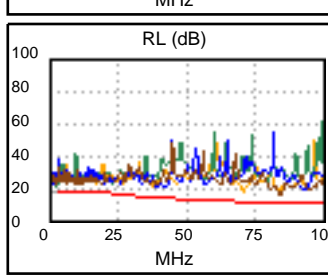
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
<b>ACR-F (dB)</b>	15.9	15.7	15.9	15.7
Freq. (MHz)	85.8	85.8	85.8	85.8
Limit (dB)	18.7	18.7	18.7	18.7
Worst Pair	78	36	78	78
<b>PS ACR-F (dB)</b>	17.5	17.9	18.4	18.6
Freq. (MHz)	39.0	39.0	85.8	87.5
Limit (dB)	22.6	22.6	15.7	15.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	36-45
<b>ACR-N (dB)</b>	10.8	9.3	18.5	20.4
Freq. (MHz)	8.9	8.9	85.0	83.0
Limit (dB)	41.1	41.1	9.3	9.8
Worst Pair	12	36	36	12
<b>PS ACR-N (dB)</b>	12.4	11.0	21.8	19.2
Freq. (MHz)	3.9	9.0	94.3	77.8
Limit (dB)	46.3	38.0	4.3	8.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	78	78
<b>RL (dB)</b>	3.5	3.5	4.8	3.5
Freq. (MHz)	2.1	8.9	84.5	84.8
Limit (dB)	17.0	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-SOL**

Date / Time: 10/14/2024 02:26:17 □□

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

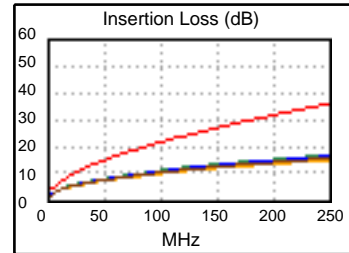
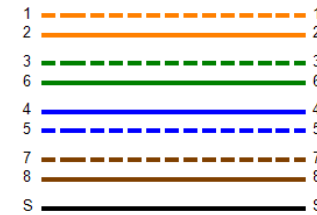
Length (ft)	[Pair 12]	94
Prop. Delay (ns), Limit 555	[Pair 45]	147
Delay Skew (ns), Limit 50	[Pair 45]	10
Resistance (ohms), Limit 25.0	[Pair 45]	18.8
Insertion Loss Margin (dB)	[Pair 36]	19.2
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



94 ft

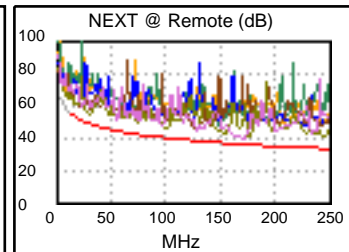
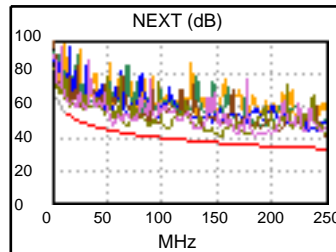


Wire Map (T568B)  
**PASS**

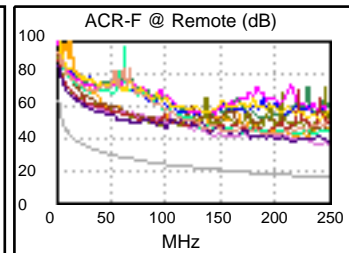
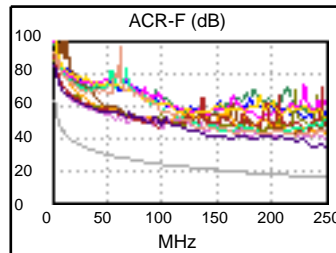


Worst Case Margin Worst Case Value

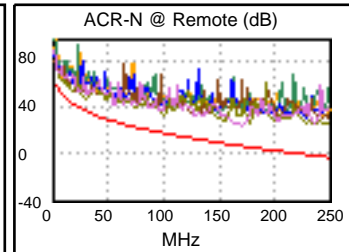
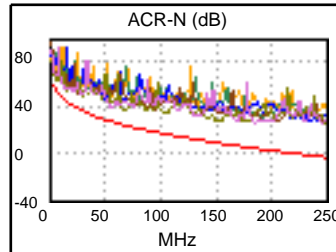
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	36-78	45-78
<b>NEXT (dB)</b>	3.0	2.5	4.0	2.5
Freq. (MHz)	55.3	170.0	154.0	170.0
Limit (dB)	44.3	36.0	36.7	36.0
Worst Pair	78	78	36	78
<b>PS NEXT (dB)</b>	4.3	4.9	8.9	4.9
Freq. (MHz)	54.8	169.5	250.0	169.5
Limit (dB)	41.6	33.1	30.2	33.1



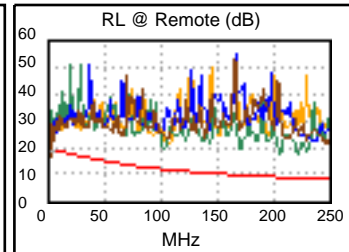
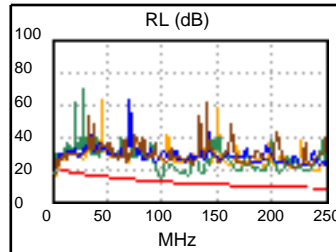
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	78-36	36-78
<b>ACR-F (dB)</b>	18.5	19.6	18.5	19.6
Freq. (MHz)	241.5	239.5	241.5	240.5
Limit (dB)	15.6	15.7	15.6	15.6
Worst Pair	36	78	36	78
<b>PS ACR-F (dB)</b>	21.0	20.9	21.0	20.9
Freq. (MHz)	239.5	239.0	241.5	239.0
Limit (dB)	12.7	12.7	12.6	12.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	45-78
<b>ACR-N (dB)</b>	7.9	10.1	28.0	18.3
Freq. (MHz)	3.1	6.9	250.0	170.0
Limit (dB)	60.8	53.8	-2.8	7.0
Worst Pair	78	36	36	36
<b>PS ACR-N (dB)</b>	8.7	10.6	28.2	28.4
Freq. (MHz)	3.3	15.9	250.0	244.5
Limit (dB)	58.0	42.4	-5.8	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	36
<b>RL (dB)</b>	2.0	5.1	2.0	8.8
Freq. (MHz)	98.8	5.5	98.8	222.0
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	



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

Date / Time: 10/14/2024 02:27:18 □□

Headroom 8.6 dB (NEXT 12-45)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 U/UTP

Operator: JACK

Software Version: 2.7800

Limits Version: 1.9500

NVP: 69.0%

**Test Summary: PASS**

Model: DTX-1800

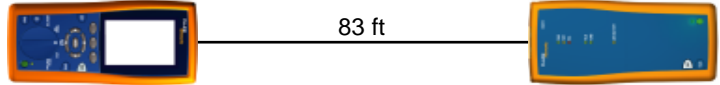
Main S/N: 2433075

Remote S/N: 2433076

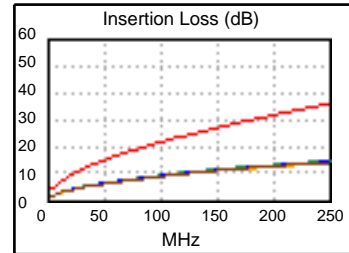
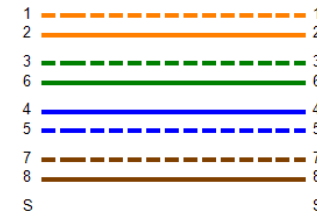
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	83
Prop. Delay (ns), Limit 555	[Pair 36]	127
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms), Limit 25.0	[Pair 45]	12.3
Insertion Loss Margin (dB)	[Pair 36]	21.3
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

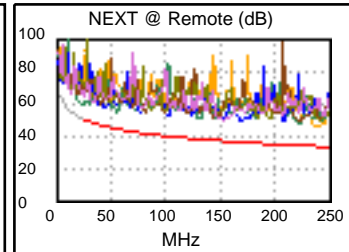
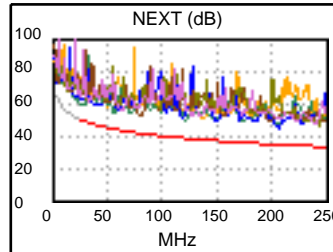


Wire Map (T568B)  
**PASS**

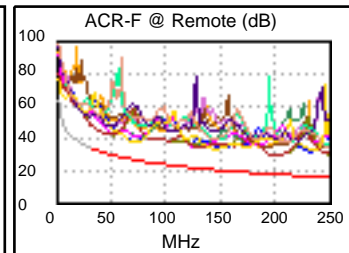
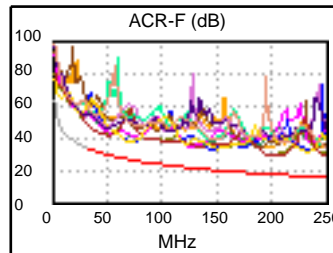


Worst Case Margin Worst Case Value

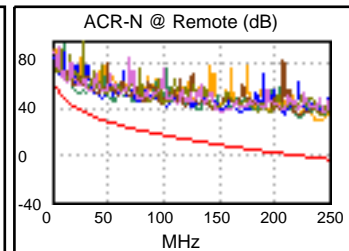
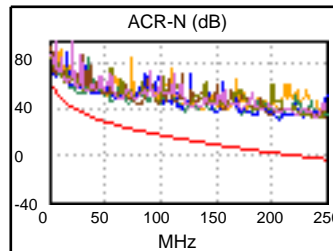
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-36
<b>NEXT (dB)</b>	9.2	8.6	10.3	12.1
Freq. (MHz)	24.9	21.0	207.5	241.0
Limit (dB)	50.1	51.3	34.5	33.4
Worst Pair	12	45	12	36
<b>PS NEXT (dB)</b>	10.1	10.2	10.8	12.8
Freq. (MHz)	24.5	21.1	207.5	242.0
Limit (dB)	47.5	48.6	31.6	30.4



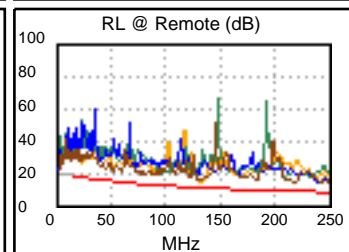
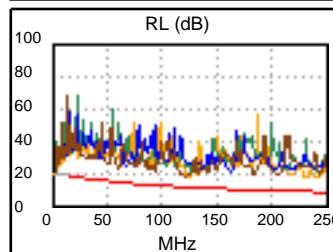
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	45-36	45-36
<b>ACR-F (dB)</b>	10.8	10.8	11.4	11.4
Freq. (MHz)	70.8	70.0	200.5	200.5
Limit (dB)	26.3	26.4	17.2	17.2
Worst Pair	12	12	36	36
<b>PS ACR-F (dB)</b>	12.6	12.1	13.2	13.8
Freq. (MHz)	71.8	70.8	198.0	200.5
Limit (dB)	23.1	23.3	14.3	14.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-36
<b>ACR-N (dB)</b>	11.7	12.8	29.8	33.0
Freq. (MHz)	3.8	3.3	207.5	241.0
Limit (dB)	59.4	60.5	2.1	-1.8
Worst Pair	12	36	12	36
<b>PS ACR-N (dB)</b>	12.4	12.2	30.5	33.7
Freq. (MHz)	3.5	3.6	207.5	242.0
Limit (dB)	57.5	57.2	-0.8	-4.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	45
<b>RL (dB)</b>	6.2	3.2	8.1	5.2
Freq. (MHz)	124.0	132.5	243.5	243.5
Limit (dB)	11.1	10.8	8.1	8.1



Compliant Network Standards:

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



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

Date / Time: 10/14/2024 02:28:26 □□

Headroom 4.5 dB (NEXT 12-78)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 U/UTP

Operator: JACK

Software Version: 2.7800

Limits Version: 1.9500

NVP: 69.0%

**Test Summary: PASS**

Model: DTX-1800

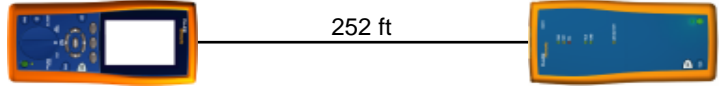
Main S/N: 2433075

Remote S/N: 2433076

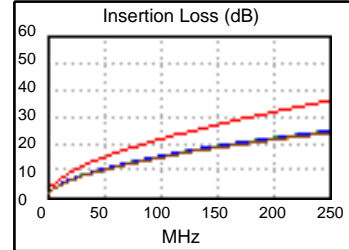
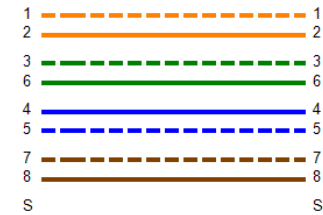
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	252
Prop. Delay (ns), Limit 555	[Pair 36]	386
Delay Skew (ns), Limit 50	[Pair 36]	15
Resistance (ohms), Limit 25.0	[Pair 45]	11.3
Insertion Loss Margin (dB)	[Pair 36]	11.0
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

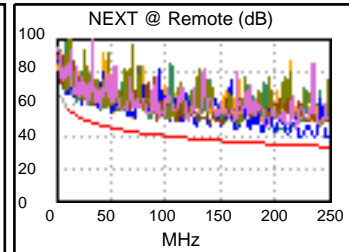
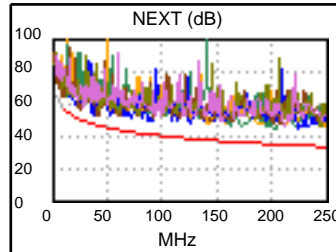


Wire Map (T568B)  
**PASS**

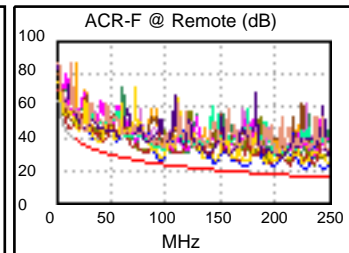
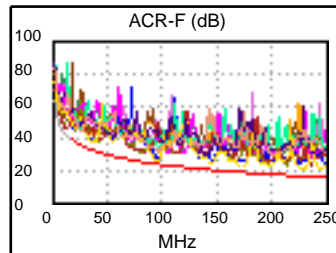


Worst Case Margin Worst Case Value

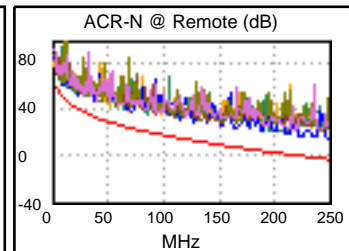
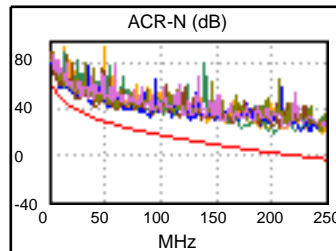
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-45	12-78
<b>NEXT (dB)</b>	5.0	4.5	8.2	4.5
Freq. (MHz)	36.5	224.5	202.5	224.5
Limit (dB)	47.3	33.9	34.7	33.9
Worst Pair	78	12	45	12
<b>PS NEXT (dB)</b>	7.3	6.8	9.7	6.8
Freq. (MHz)	8.1	224.0	202.5	224.0
Limit (dB)	55.5	31.0	31.8	31.0



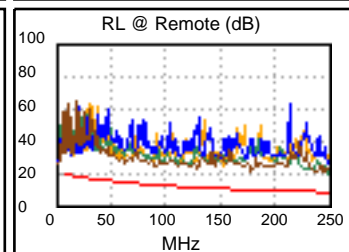
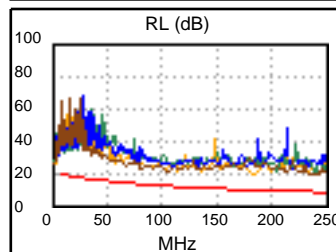
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
<b>ACR-F (dB)</b>	2.0	2.1	4.5	4.5
Freq. (MHz)	95.3	94.8	229.5	229.0
Limit (dB)	23.7	23.7	16.0	16.1
Worst Pair	12	78	12	78
<b>PS ACR-F (dB)</b>	4.8	4.1	7.3	7.7
Freq. (MHz)	94.3	95.5	230.5	244.5
Limit (dB)	20.8	20.7	13.0	12.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	12-78
<b>ACR-N (dB)</b>	7.9	9.6	22.7	17.8
Freq. (MHz)	8.1	4.1	246.5	249.0
Limit (dB)	52.1	58.6	-2.4	-2.7
Worst Pair	78	45	36	78
<b>PS ACR-N (dB)</b>	9.2	9.7	22.5	20.4
Freq. (MHz)	8.1	3.5	245.5	249.0
Limit (dB)	49.6	57.5	-5.3	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	45	78	36
<b>RL (dB)</b>	8.5	11.4	10.0	11.6
Freq. (MHz)	102.0	13.4	236.5	250.0
Limit (dB)	11.9	18.4	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