

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
UPC-5004E-SOL	PASS	ISO11801 Channel Class D	238 ft	11.3 dB (NEXT)	10/13/2022 02:20 <input type="checkbox"/>
UPC-5004E-L/100	PASS	ISO11801 Channel Class D	67 ft	15.9 dB (NEXT)	10/13/2022 02:16 <input type="checkbox"/>
FPC-6004-SOL/100	PASS	ISO11801 Channel Class E	103 ft	3.0 dB (NEXT)	10/13/2022 02:12 <input type="checkbox"/>
FPC-6004-SOL	PASS	ISO11801 Channel Class E	103 ft	3.0 dB (NEXT)	10/13/2022 02:10 <input type="checkbox"/>

Total Length:	511 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: UPC-5004E-SOL

Date / Time: 10/13/2022 02:20:53 □□

Headroom 11.3 dB (NEXT 45-78)

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

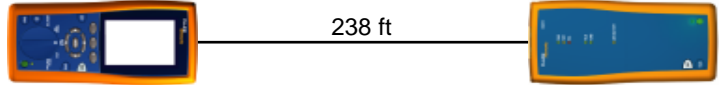
Main S/N: 2433075

Remote S/N: 2433076

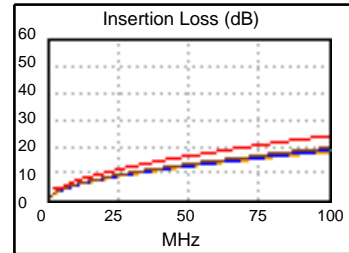
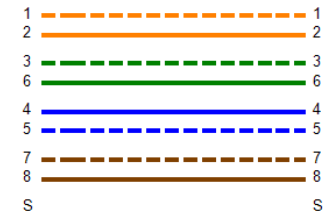
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 78]	238
Prop. Delay (ns), Limit 555	[Pair 36]	365
Delay Skew (ns), Limit 50	[Pair 36]	14
Resistance (ohms), Limit 25.0	[Pair 78]	21.9
Insertion Loss Margin (dB)	[Pair 78]	4.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

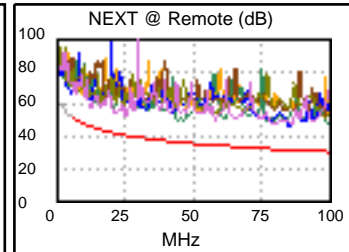
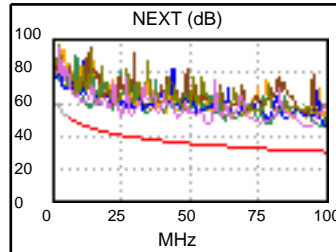


Wire Map (T568B)
PASS

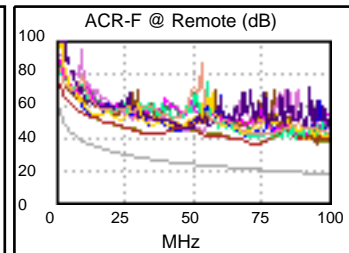
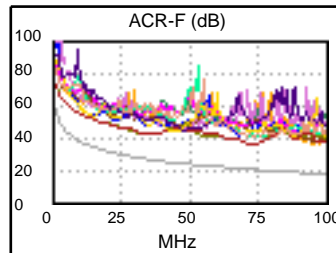


Worst Case Margin Worst Case Value

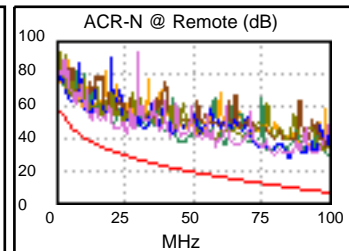
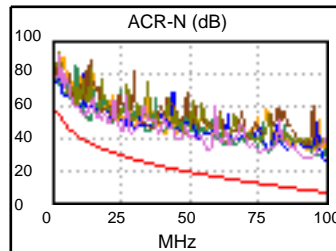
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-78	12-78	12-78
NEXT (dB)	12.1	11.3	15.2	13.8
Freq. (MHz)	13.4	25.3	100.0	85.8
Limit (dB)	44.9	40.3	30.1	31.2
Worst Pair	45	78	12	78
PS NEXT (dB)	13.8	13.1	16.4	15.0
Freq. (MHz)	11.4	12.0	99.0	85.8
Limit (dB)	43.1	42.7	27.2	28.2



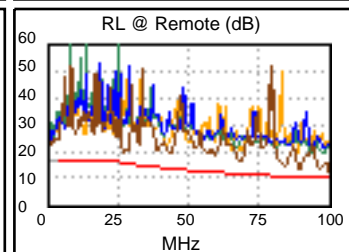
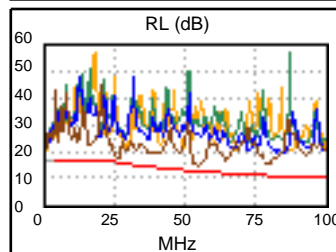
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	12-36	36-12
ACR-F (dB)	15.1	15.1	17.5	17.9
Freq. (MHz)	33.5	33.3	95.8	95.8
Limit (dB)	26.9	27.0	17.8	17.8
Worst Pair	36	45	36	12
PS ACR-F (dB)	17.6	17.4	19.2	19.0
Freq. (MHz)	33.3	71.5	97.8	95.5
Limit (dB)	24.0	17.3	14.6	14.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-78	12-78	12-78
ACR-N (dB)	13.8	13.3	19.4	17.9
Freq. (MHz)	13.4	25.3	100.0	85.5
Limit (dB)	36.6	28.8	6.1	9.2
Worst Pair	45	78	78	78
PS ACR-N (dB)	15.5	14.5	22.0	19.1
Freq. (MHz)	11.3	12.1	100.0	85.5
Limit (dB)	35.6	34.7	3.1	6.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	1.4	2.5	1.8	2.5
Freq. (MHz)	26.1	100.0	54.8	100.0
Limit (dB)	15.8	10.0	12.6	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-L/100

Date / Time: 10/13/2022 02:16:42 □□

Headroom 15.9 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

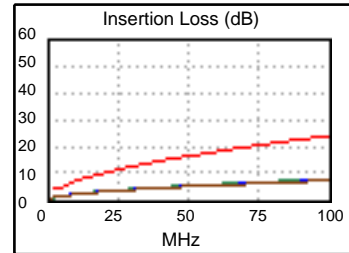
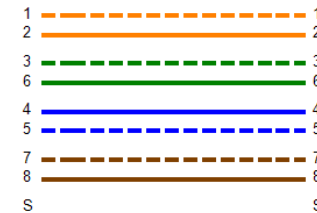
Length (ft)	[Pair 12]	67
Prop. Delay (ns), Limit 555	[Pair 36]	101
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms), Limit 25.0	[Pair 12]	14.5
Insertion Loss Margin (dB)	[Pair 36]	16.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



67 ft

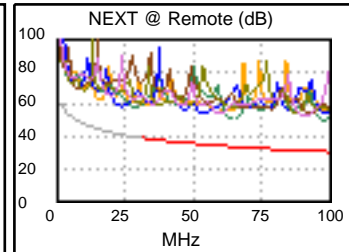
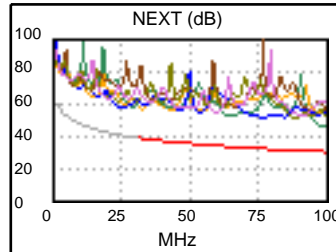


Wire Map (T568B)
PASS

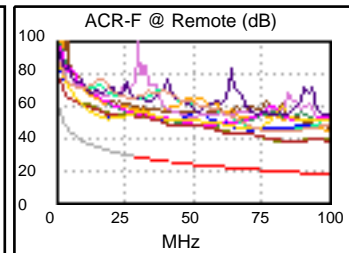
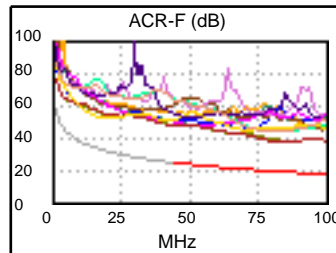


Worst Case Margin Worst Case Value

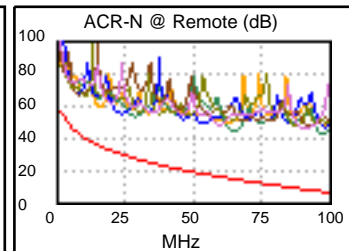
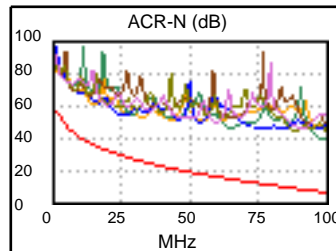
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	15.9	16.9	15.9	19.3
Freq. (MHz)	99.0	64.5	99.5	97.8
Limit (dB)	30.2	33.4	30.1	30.2
Worst Pair	12	12	12	12
PS NEXT (dB)	17.7	18.7	17.7	20.2
Freq. (MHz)	99.5	64.5	99.5	98.8
Limit (dB)	27.1	30.4	27.1	27.2



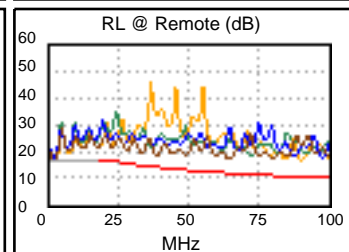
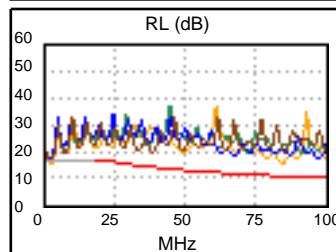
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	18.2	18.6	18.2	18.6
Freq. (MHz)	85.3	80.8	85.3	84.8
Limit (dB)	18.8	19.3	18.8	18.8
Worst Pair	36	45	36	45
PS ACR-F (dB)	21.1	20.3	21.1	20.3
Freq. (MHz)	85.3	80.8	85.3	85.3
Limit (dB)	15.8	16.3	15.8	15.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-45	12-45
ACR-N (dB)	24.7	24.0	32.4	35.6
Freq. (MHz)	2.0	6.9	99.5	97.8
Limit (dB)	54.4	43.8	6.2	6.5
Worst Pair	36	78	12	12
PS ACR-N (dB)	24.5	24.5	34.3	36.8
Freq. (MHz)	1.8	5.1	99.5	98.8
Limit (dB)	52.4	43.7	3.2	3.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	4.2	4.0	5.0	6.1
Freq. (MHz)	18.3	17.6	84.3	90.0
Limit (dB)	17.0	17.0	10.7	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: 10/13/2022 02:12:47 □□

Headroom 3.0 dB (NEXT 36-78)

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

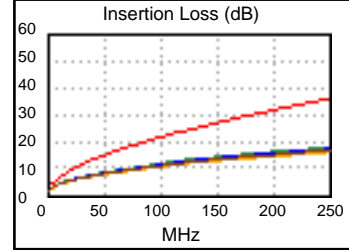
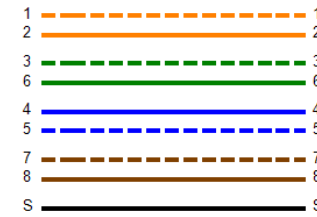
Length (ft)	[Pair 12]	103
Prop. Delay (ns), Limit 555	[Pair 45]	160
Delay Skew (ns), Limit 50	[Pair 45]	11
Resistance (ohms), Limit 25.0	[Pair 12]	21.1
Insertion Loss Margin (dB)	[Pair 36]	18.2
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



103 ft

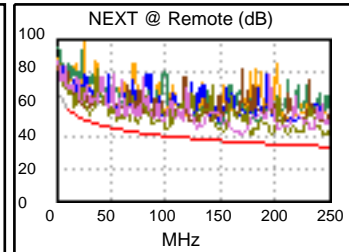
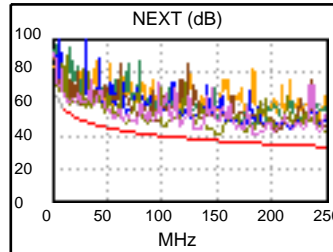


Wire Map (T568B)
PASS

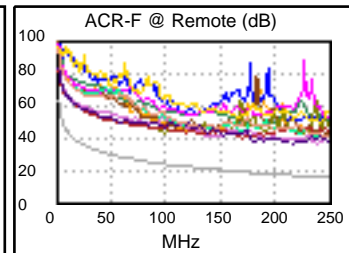
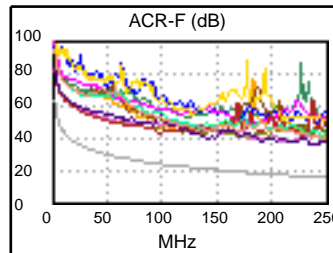


Worst Case Margin Worst Case Value

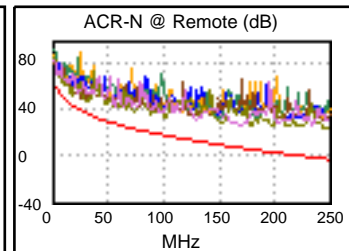
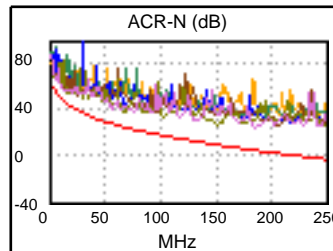
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	45-78	36-78
NEXT (dB)	3.4	3.0	4.6	4.5
Freq. (MHz)	153.5	101.0	185.5	178.5
Limit (dB)	36.8	39.9	35.3	35.6
Worst Pair	78	36	78	78
PS NEXT (dB)	5.4	5.4	5.9	7.8
Freq. (MHz)	55.3	101.0	185.0	213.0
Limit (dB)	41.5	37.0	32.4	31.4



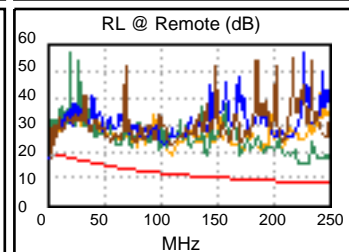
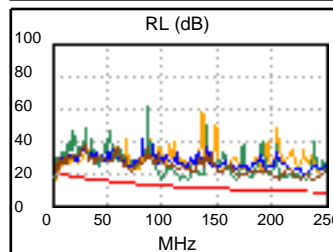
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-45	78-36	36-78
ACR-F (dB)	18.8	19.6	19.6	20.7
Freq. (MHz)	142.0	98.5	239.5	239.5
Limit (dB)	20.2	23.4	15.7	15.7
Worst Pair	36	78	36	78
PS ACR-F (dB)	20.2	20.6	21.6	21.3
Freq. (MHz)	142.0	142.0	240.0	239.5
Limit (dB)	17.2	17.2	12.7	12.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	45-78	36-78
ACR-N (dB)	8.1	7.9	20.5	27.0
Freq. (MHz)	3.5	15.4	185.5	248.0
Limit (dB)	60.0	45.4	4.9	-2.6
Worst Pair	78	36	36	36
PS ACR-N (dB)	8.5	9.3	28.8	28.3
Freq. (MHz)	3.4	15.9	250.0	248.0
Limit (dB)	57.7	42.4	-5.8	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	36	36
RL (dB)	1.6	3.9	3.3	6.4
Freq. (MHz)	4.9	4.6	99.5	223.0
Limit (dB)	19.0	19.0	12.0	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-SOL

Date / Time: 10/13/2022 02:10:55 □□

Headroom 3.0 dB (NEXT 36-78)

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

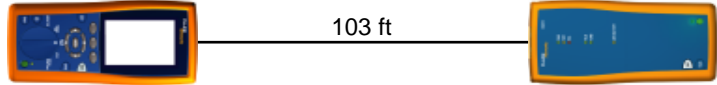
Main S/N: 2433075

Remote S/N: 2433076

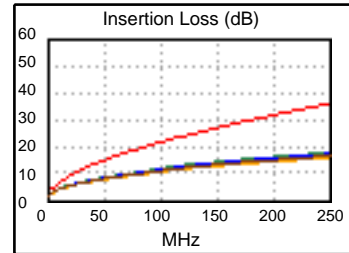
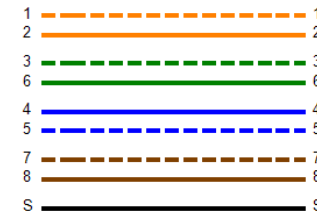
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft)	[Pair 12]	103
Prop. Delay (ns), Limit 555	[Pair 45]	160
Delay Skew (ns), Limit 50	[Pair 45]	11
Resistance (ohms), Limit 25.0	[Pair 45]	20.4
Insertion Loss Margin (dB)	[Pair 36]	18.1
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

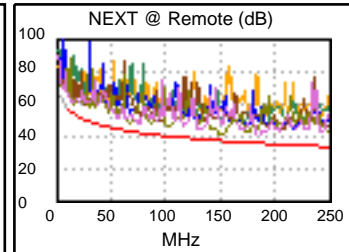
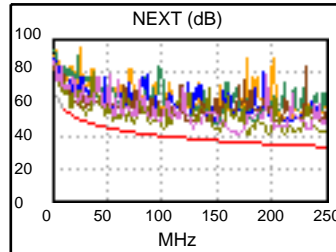


Wire Map (T568B)
PASS

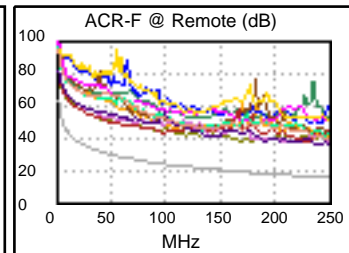
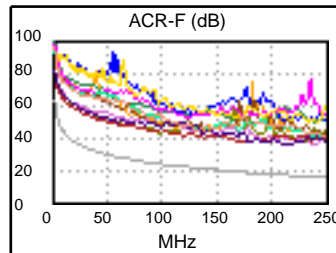


Worst Case Margin Worst Case Value

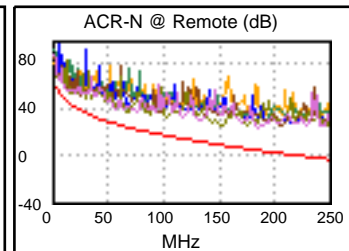
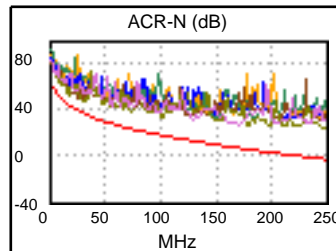
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	45-78
NEXT (dB)	3.2	3.0	4.6	4.4
Freq. (MHz)	101.0	153.5	178.5	185.5
Limit (dB)	39.9	36.8	35.6	35.3
Worst Pair	36	78	78	78
PS NEXT (dB)	5.6	5.3	7.9	5.7
Freq. (MHz)	101.0	55.5	213.0	185.0
Limit (dB)	37.0	41.5	31.4	32.4



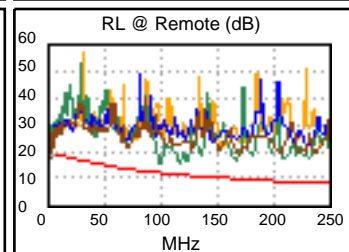
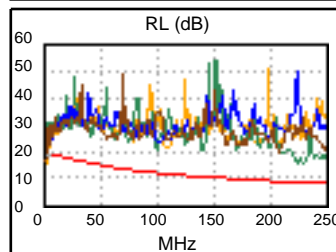
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	78-36	78-36
ACR-F (dB)	18.6	18.8	19.1	19.3
Freq. (MHz)	169.5	98.5	209.5	239.5
Limit (dB)	18.7	23.4	16.8	15.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	19.2	20.9	20.6	22.5
Freq. (MHz)	138.0	8.1	220.0	242.0
Limit (dB)	17.5	42.1	13.4	12.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	45-78
ACR-N (dB)	7.8	7.9	27.5	20.3
Freq. (MHz)	15.5	3.5	248.0	185.5
Limit (dB)	45.3	60.0	-2.6	4.9
Worst Pair	36	78	36	36
PS ACR-N (dB)	9.3	8.2	28.7	28.6
Freq. (MHz)	15.8	3.4	248.0	250.0
Limit (dB)	42.5	57.7	-5.6	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	36	36
RL (dB)	3.4	2.8	6.9	2.8
Freq. (MHz)	4.6	99.5	230.0	99.5
Limit (dB)	19.0	12.0	8.4	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