



Cable ID: AP-03

Test Summary: PASS

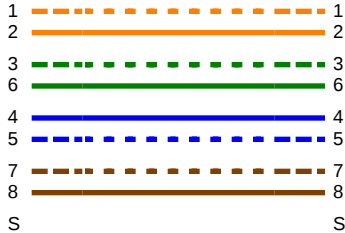
Date / Time: 04/16/2014 01:52:57pm
Headroom: 4.0 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
Cable Type: Cat 6 UTP

Operator: JESUS
Software Version: 2.4100
Limits Version: 1.6000
NVP: 69.0%

Model: DTX-1800
Main S/N: 1635111
Remote S/N: 1635112
Main Adapter: DTX-PLA002
Remote Adapter: DTX-PLA002

Wire Map (T568B)

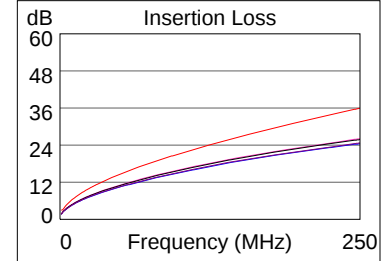
PASS



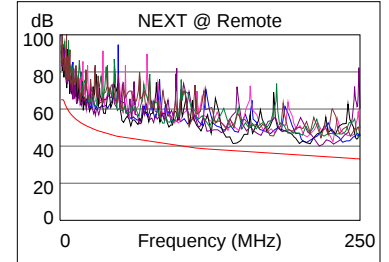
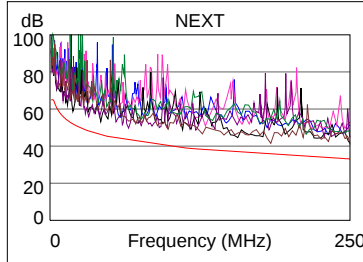
281 ft



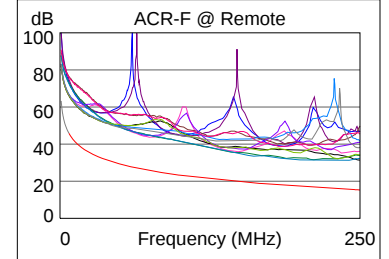
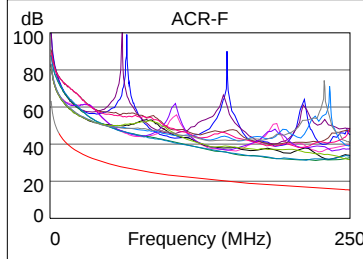
Length (ft), Limit 328	[Pair 12]	281
Prop. Delay (ns), Limit 555		430
Delay Skew (ns), Limit 50		16
Resistance (ohms)	[Pair 36]	12.5
Insertion Loss Margin (dB)	[Pair 36]	9.8
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



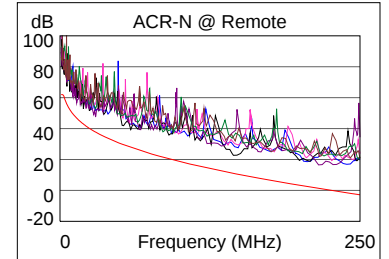
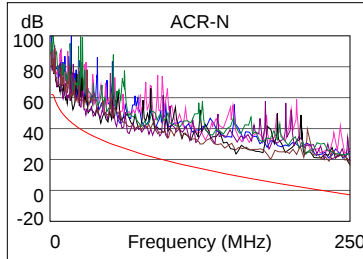
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	45-78	36-45
NEXT (dB)	6.0	4.0	7.8	5.9
Freq. (MHz)	19.4	145.0	250.0	216.0
Limit (dB)	51.9	37.2	33.1	34.2
Worst Pair	78	12	78	12
PS NEXT (dB)	7.0	5.6	7.9	6.0
Freq. (MHz)	155.5	145.0	250.0	206.5
Limit (dB)	33.8	34.3	30.2	31.6



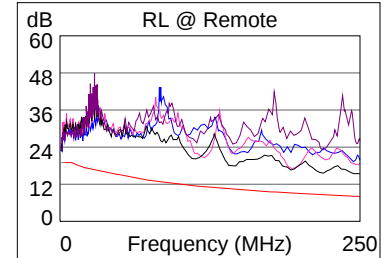
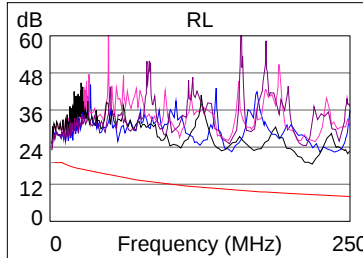
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-45	45-36
ACR-F (dB)	14.2	14.0	14.9	14.7
Freq. (MHz)	189.5	195.0	221.5	222.0
Limit (dB)	17.7	17.5	16.3	16.3
Worst Pair	45	45	45	12
PS ACR-F (dB)	15.3	15.7	16.7	17.2
Freq. (MHz)	155.0	142.0	221.5	231.0
Limit (dB)	16.5	17.2	13.3	13.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	45-78	36-45
ACR-N (dB)	8.4	9.3	19.0	16.3
Freq. (MHz)	19.4	14.1	250.0	229.5
Limit (dB)	43.0	46.6	-2.8	-0.4
Worst Pair	78	36	45	36
PS ACR-N (dB)	10.4	10.4	19.2	17.1
Freq. (MHz)	19.4	29.6	250.0	229.5
Limit (dB)	40.3	35.0	-5.8	-3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	45	45	45
RL (dB)	7.0	7.0	9.5	7.3
Freq. (MHz)	12.9	218.5	217.5	245.5
Limit (dB)	18.5	8.6	8.6	8.1



Compliant Network Standards:
10BASE-T 100BASE-TX
1000BASE-T ATM-25
ATM-155 100VG-AnyLan
TR-16 Active TR-16 Passive

100BASE-T4
ATM-51
TR-4



Cable ID: AP-04

Test Summary: PASS

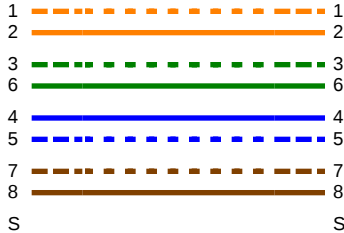
Date / Time: 04/16/2014 01:59:11pm
Headroom: 3.8 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
Cable Type: Cat 6 UTP

Operator: JESUS
Software Version: 2.4100
Limits Version: 1.6000
NVP: 69.0%

Model: DTX-1800
Main S/N: 1635111
Remote S/N: 1635112
Main Adapter: DTX-PLA002
Remote Adapter: DTX-PLA002

Wire Map (T568B)

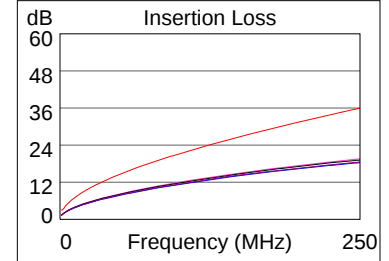
PASS



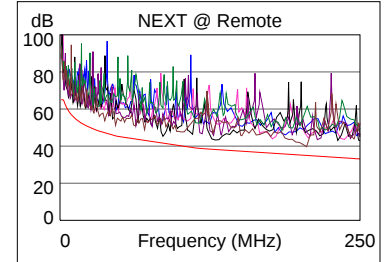
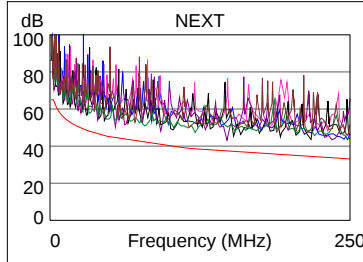
204 ft



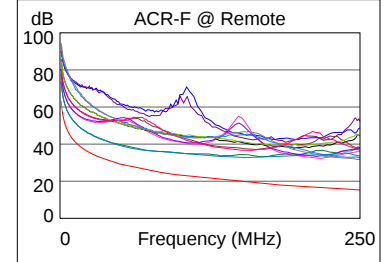
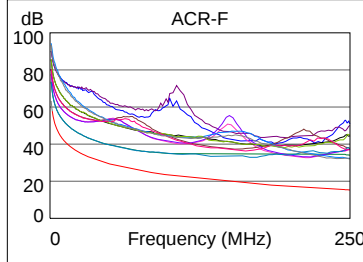
Length (ft), Limit 328	[Pair 12]	204
Prop. Delay (ns), Limit 555		313
Delay Skew (ns), Limit 50		12
Resistance (ohms)	[Pair 36]	9.0
Insertion Loss Margin (dB)	[Pair 36]	16.3
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



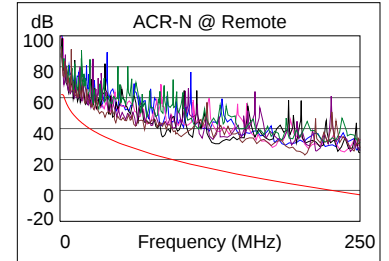
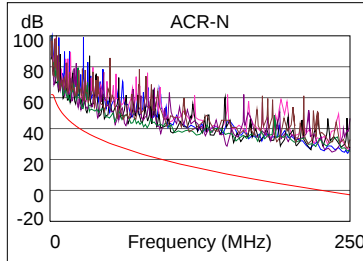
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	45-78
NEXT (dB)	5.7	3.8	6.0	4.4
Freq. (MHz)	3.4	133.5	147.0	204.5
Limit (dB)	64.2	37.8	37.1	34.6
Worst Pair	36	78	36	45
PS NEXT (dB)	6.8	6.0	9.6	6.1
Freq. (MHz)	54.5	85.5	229.5	204.5
Limit (dB)	41.6	38.3	30.8	31.7



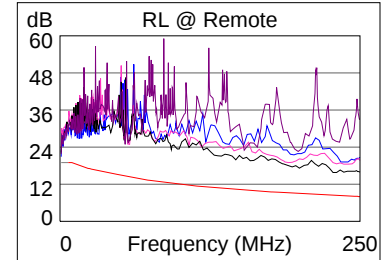
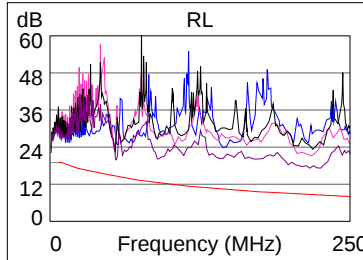
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	78-45	78-45
ACR-F (dB)	10.0	9.9	16.4	16.3
Freq. (MHz)	22.6	22.9	241.5	248.0
Limit (dB)	36.2	36.1	15.6	15.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	11.9	11.8	15.1	16.3
Freq. (MHz)	2.8	2.3	217.0	225.0
Limit (dB)	51.5	53.2	13.5	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	45-78
ACR-N (dB)	7.3	7.5	26.6	19.5
Freq. (MHz)	3.4	3.3	248.0	204.5
Limit (dB)	60.5	60.9	-2.6	2.7
Worst Pair	45	45	36	45
PS ACR-N (dB)	8.6	8.4	26.7	20.9
Freq. (MHz)	3.3	3.3	248.0	204.5
Limit (dB)	58.4	58.4	-5.6	-0.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	78	45
RL (dB)	5.2	7.3	8.4	7.3
Freq. (MHz)	55.3	227.0	224.5	227.0
Limit (dB)	14.6	8.4	8.5	8.4



Compliant Network Standards:
10BASE-T 100BASE-TX
1000BASE-T ATM-25
ATM-155 100VG-AnyLan
TR-16 Active TR-16 Passive

100BASE-T4
ATM-51
TR-4



Cable ID: AP-02

Test Summary: PASS

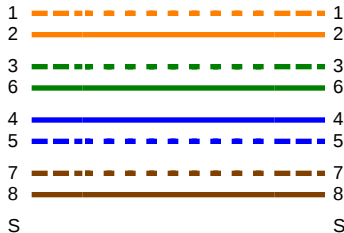
Date / Time: 04/16/2014 02:03:35pm
Headroom: 3.7 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
Cable Type: Cat 6 UTP

Operator: JESUS
Software Version: 2.4100
Limits Version: 1.6000
NVP: 69.0%

Model: DTX-1800
Main S/N: 1635111
Remote S/N: 1635112
Main Adapter: DTX-PLA002
Remote Adapter: DTX-PLA002

Wire Map (T568B)

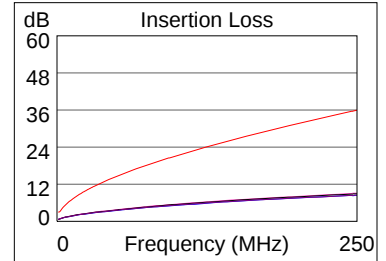
PASS



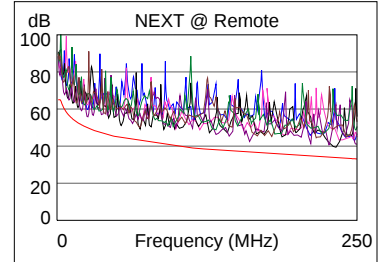
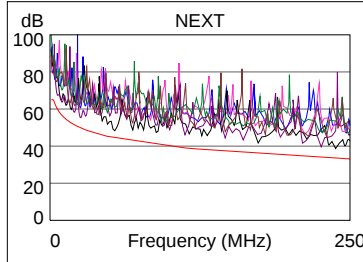
92 ft



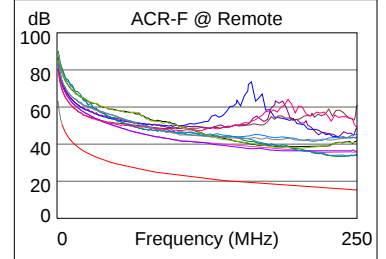
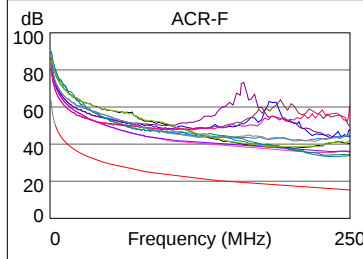
Length (ft), Limit 328	[Pair 12]	92
Prop. Delay (ns), Limit 555		140
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 45]	4.0
Insertion Loss Margin (dB)	[Pair 36]	26.8
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



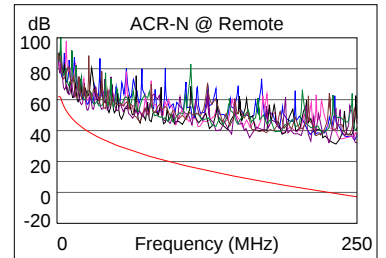
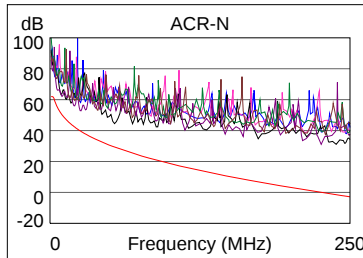
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	3.7	5.1	4.8	5.1
Freq. (MHz)	53.5	231.5	237.0	231.5
Limit (dB)	44.5	33.7	33.5	33.7
Worst Pair	78	78	36	78
PS NEXT (dB)	6.2	6.4	7.1	7.5
Freq. (MHz)	53.3	68.8	226.5	231.5
Limit (dB)	41.8	39.9	30.9	30.7



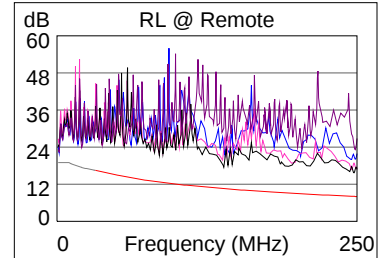
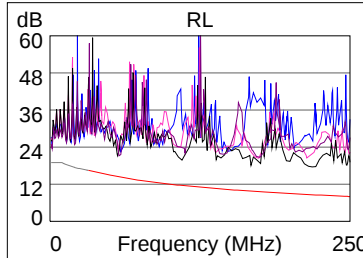
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	17.1	17.3	17.1	17.3
Freq. (MHz)	234.5	234.5	234.5	234.5
Limit (dB)	15.9	15.9	15.9	15.9
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.2	18.1	18.2	18.1
Freq. (MHz)	226.5	230.5	227.0	234.0
Limit (dB)	13.2	13.0	13.1	12.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	11.0	11.4	31.4	31.4
Freq. (MHz)	6.1	5.9	237.0	231.5
Limit (dB)	55.1	55.5	-1.3	-0.7
Worst Pair	45	45	36	36
PS ACR-N (dB)	12.7	12.8	32.4	35.4
Freq. (MHz)	5.8	5.6	226.5	248.5
Limit (dB)	53.2	53.4	-3.0	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	45	45
RL (dB)	6.2	6.9	8.1	7.6
Freq. (MHz)	58.0	139.0	222.5	247.5
Limit (dB)	14.4	10.6	8.5	8.1



Compliant Network Standards:
10BASE-T 100BASE-TX
1000BASE-T ATM-25
ATM-155 100VG-AnyLan
TR-16 Active TR-16 Passive

100BASE-T4
ATM-51
TR-4



Cable ID: AP-01

Test Summary: PASS

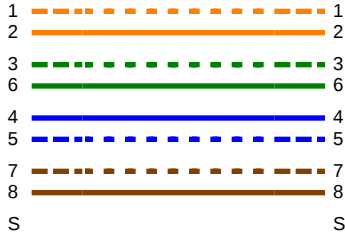
Date / Time: 04/16/2014 02:07:34pm
Headroom: 1.9 dB (NEXT 45-78)
Test Limit: TIA Cat 6 Channel
Cable Type: Cat 6 UTP

Operator: JESUS
Software Version: 2.4100
Limits Version: 1.6000
NVP: 69.0%

Model: DTX-1800
Main S/N: 1635111
Remote S/N: 1635112
Main Adapter: DTX-PLA002
Remote Adapter: DTX-PLA002

Wire Map (T568B)

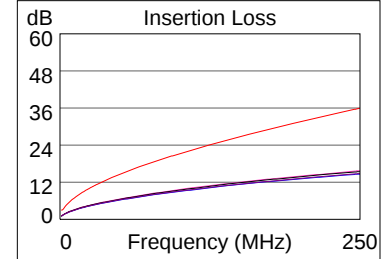
PASS



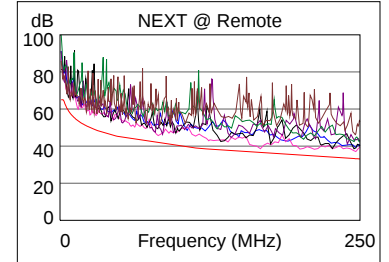
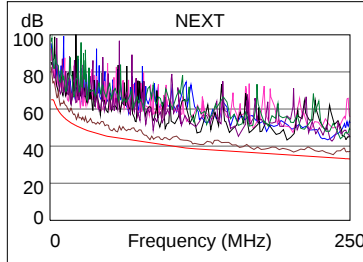
164 ft



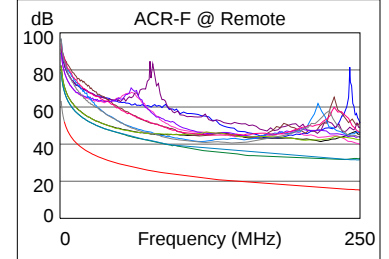
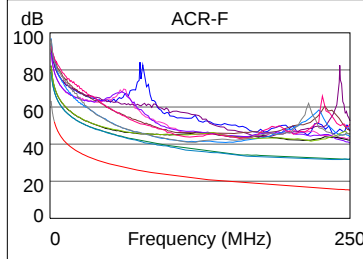
Length (ft), Limit 328	[Pair 12]	164
Prop. Delay (ns), Limit 555		251
Delay Skew (ns), Limit 50		10
Resistance (ohms)	[Pair 36]	7.2
Insertion Loss Margin (dB)	[Pair 36]	20.2
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



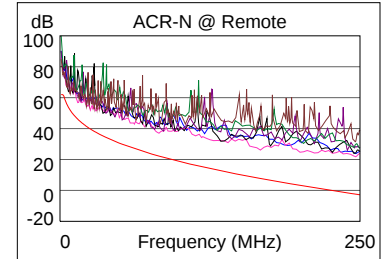
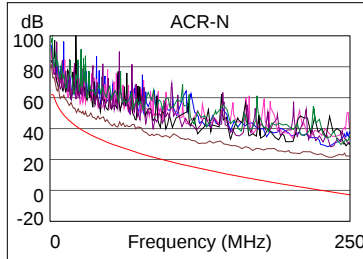
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-45	45-78	12-45
NEXT (dB)	1.9	2.5	1.9	3.9
Freq. (MHz)	169.0	166.0	236.0	246.5
Limit (dB)	36.0	36.2	33.5	33.2
Worst Pair	45	12	45	12
PS NEXT (dB)	4.0	3.3	4.0	3.3
Freq. (MHz)	235.5	246.5	235.5	246.5
Limit (dB)	30.6	30.3	30.6	30.3



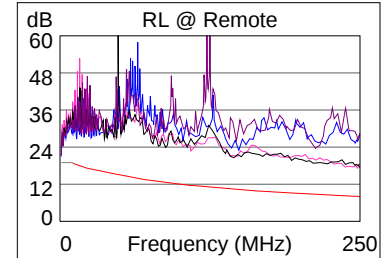
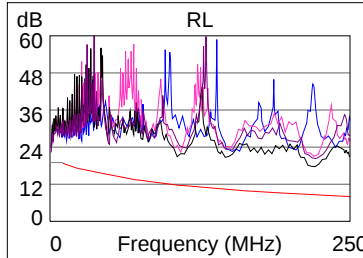
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.2	14.4	15.5	15.8
Freq. (MHz)	156.0	156.0	239.0	239.0
Limit (dB)	19.4	19.4	15.7	15.7
Worst Pair	45	45	36	45
PS ACR-F (dB)	16.3	15.9	18.4	18.1
Freq. (MHz)	118.5	112.0	239.0	239.0
Limit (dB)	18.8	19.3	12.7	12.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	12-45
ACR-N (dB)	7.6	9.9	22.3	24.2
Freq. (MHz)	8.3	8.3	236.5	246.5
Limit (dB)	52.2	52.2	-1.3	-2.4
Worst Pair	45	45	45	12
PS ACR-N (dB)	9.0	9.6	23.7	24.4
Freq. (MHz)	8.5	8.4	236.0	246.5
Limit (dB)	49.3	49.5	-4.1	-5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	36
RL (dB)	7.4	8.3	8.4	9.1
Freq. (MHz)	14.0	13.9	219.5	248.0
Limit (dB)	18.3	18.3	8.6	8.1



Compliant Network Standards:

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