



Cable ID: 0.561UTP*1

Date / Time: 11/09/2010 04:18:18pm
Headroom: 5.4 dB (NEXT 12-36)
Test Limit: TIA Cat 6 Perm. Link
Cable Type: Cat 6 UTP

Software Version: 2.2400
Limits Version: 1.3700
NVP: 69.0%

Model: DTX-1800
Main S/N: 9673087
Remote S/N: 9673088
Main Adapter: DTX-PLA002
Remote Adapter: DTX-PLA002

Test Summary: PASS

Wire Map (T568B)

PASS

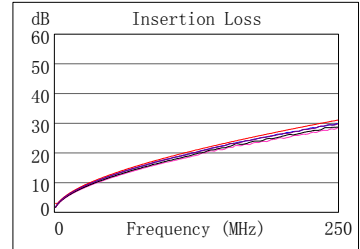
1	1
2	2
3	3
6	6
4	4
5	5
7	7
8	8
S	S



302 ft

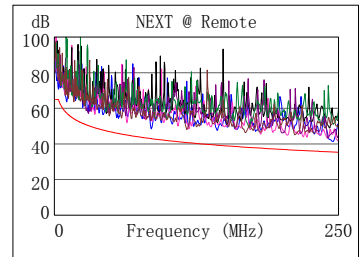
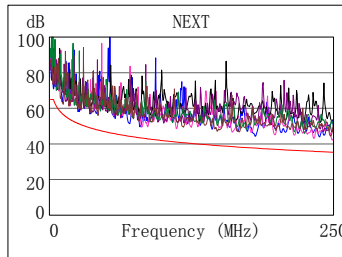


Length (ft), Limit 295	[Pair 36]	302
Prop. Delay (ns), Limit 498		464
Delay Skew (ns), Limit 44		19
Resistance (ohms)	[Pair 12]	13.5
Insertion Loss Margin (dB)	[Pair 12]	1.2
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1

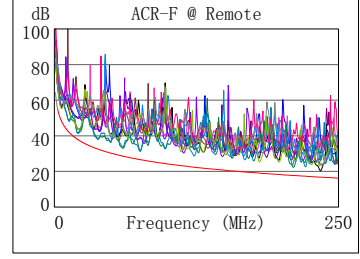
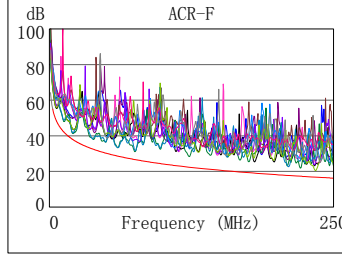


Worst Case Margin Worst Case Value

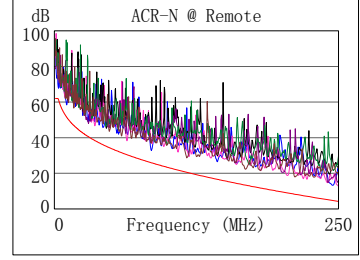
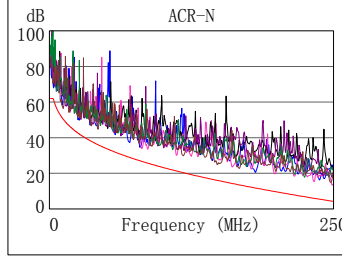
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-36	12-45	12-36
NEXT (dB)	5.8	5.4	6.7	5.9
Freq. (MHz)	12.0	85.3	249.0	244.5
Limit (dB)	56.6	43.0	35.4	35.5
Worst Pair	45	45	45	45
PS NEXT (dB)	6.0	6.5	7.0	6.5
Freq. (MHz)	18.3	249.5	248.5	249.5
Limit (dB)	51.3	32.7	32.7	32.7



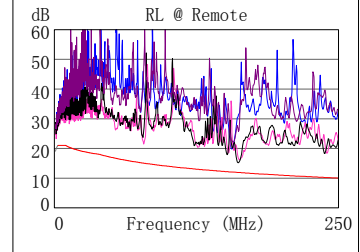
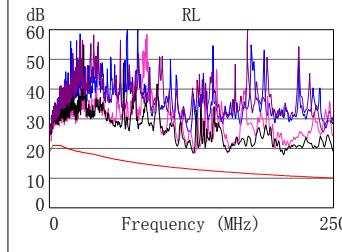
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	78-12	12-78
ACR-F (dB)	3.3	3.5	3.7	3.6
Freq. (MHz)	20.3	20.3	234.0	234.0
Limit (dB)	38.1	38.1	16.8	16.8
Worst Pair	12	36	12	78
PS ACR-F (dB)	5.3	5.7	5.3	6.2
Freq. (MHz)	233.5	20.3	233.5	234.0
Limit (dB)	13.8	35.1	13.8	13.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-36	12-45	12-45
ACR-N (dB)	6.1	6.2	9.1	8.7
Freq. (MHz)	12.0	3.5	249.0	250.0
Limit (dB)	50.5	61.7	4.3	4.2
Worst Pair	45	12	45	12
PS ACR-N (dB)	6.5	7.3	9.2	8.3
Freq. (MHz)	18.3	85.3	248.5	245.0
Limit (dB)	43.8	23.4	1.8	2.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	5.4	3.3	7.0	3.3
Freq. (MHz)	126.5	161.5	206.0	161.5
Limit (dB)	13.0	11.9	10.9	11.9



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: 0.561UTP6*2

Test Summary: PASS

Date / Time: 11/09/2010 04:33:01pm
Headroom: 2.1 dB (NEXT 45-78)
Test Limit: TIA Cat 6 Perm. Link
Cable Type: Cat 6 UTP

Operator: BYB
Software Version: 2.2400
Limits Version: 1.3700
NVP: 69.0%

Model: DTX-1800
Main S/N: 9673087
Remote S/N: 9673088
Main Adapter: DTX-PLA002
Remote Adapter: DTX-PLA002

Wire Map (T568B)

PASS

1	1
2	2
3	3
6	6
4	4
5	5
7	7
8	8
S	S

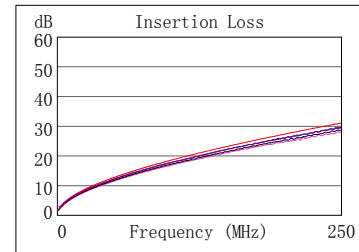


299 ft



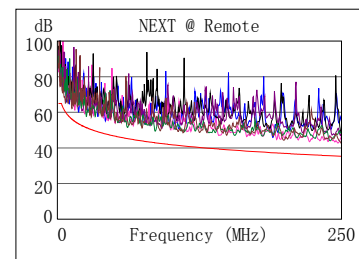
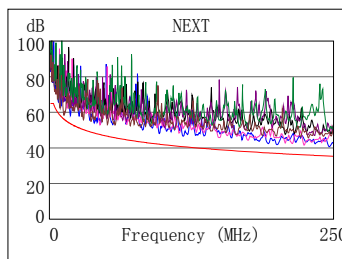
Length (ft), Limit 295 [Pair 36] 299
Prop. Delay (ns), Limit 498 458
Delay Skew (ns), Limit 44 18
Resistance (ohms) [Pair 78] 13.3

Insertion Loss Margin (dB) [Pair 12] 1.5
Frequency (MHz) [Pair 12] 249.5
Limit (dB) [Pair 12] 31.1

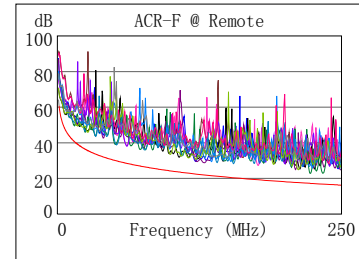
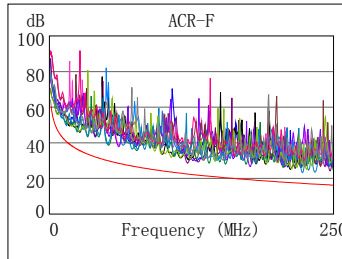


Worst Case Margin Worst Case Value

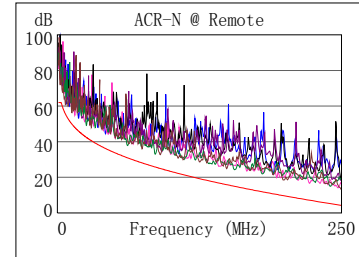
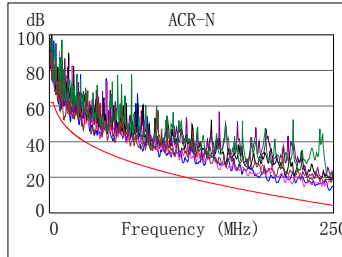
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	45-78
NEXT (dB)	2.1	4.9	5.2	7.3
Freq. (MHz)	12.8	7.1	246.0	250.0
Limit (dB)	56.2	60.2	35.5	35.3
Worst Pair	45	45	12	45
PS NEXT (dB)	3.8	6.6	6.6	7.3
Freq. (MHz)	12.6	6.9	245.5	250.0
Limit (dB)	53.9	58.1	32.8	32.7



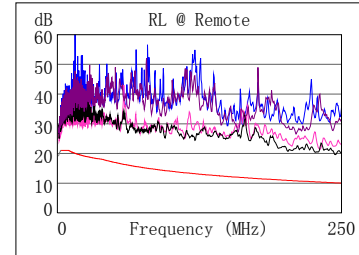
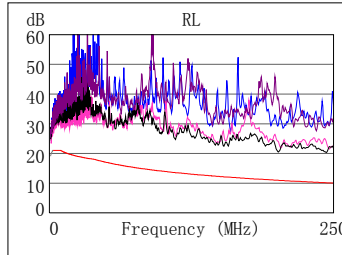
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	36-45	45-36	36-45
ACR-F (dB)	6.1	5.6	6.1	5.6
Freq. (MHz)	121.5	222.5	222.5	222.5
Limit (dB)	22.5	17.2	17.2	17.2
Worst Pair	12	12	36	36
PS ACR-F (dB)	7.3	7.1	8.4	8.5
Freq. (MHz)	121.5	122.0	234.0	247.0
Limit (dB)	19.5	19.5	13.8	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	45-78
ACR-N (dB)	2.5	5.2	8.1	8.9
Freq. (MHz)	12.8	7.1	246.5	250.0
Limit (dB)	49.9	55.5	4.6	4.2
Worst Pair	45	45	12	78
PS ACR-N (dB)	4.4	7.0	7.9	9.7
Freq. (MHz)	12.6	6.9	245.5	250.0
Limit (dB)	47.6	53.5	2.1	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
RL (dB)	5.9	6.3	10.2	9.5
Freq. (MHz)	3.6	3.8	243.5	244.5
Limit (dB)	21.0	21.0	10.1	10.1



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: 0.561UTP6BL-1

Date / Time: 11/12/2010 03:17:52pm
Headroom: 1.4 dB (NEXT 12-45)
Test Limit: TIA Cat 6 Perm. Link
Cable Type: Cat 6 UTP

Operator: BYB
Software Version: 2.2400
Limits Version: 1.3700
NVP: 69.0%

Test Summary: PASS

Model: DTX-1800
Main S/N: 9673087
Remote S/N: 9673088
Main Adapter: DTX-PLA002
Remote Adapter: DTX-PLA002

Wire Map (T568B)

PASS

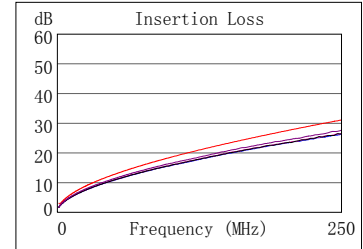
1	1
2	2
3	3
6	6
4	4
5	5
7	7
8	8
S	S



276 ft

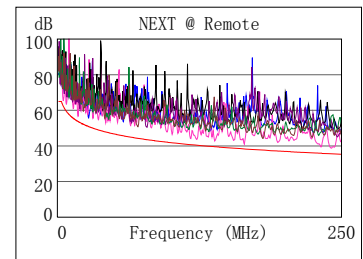
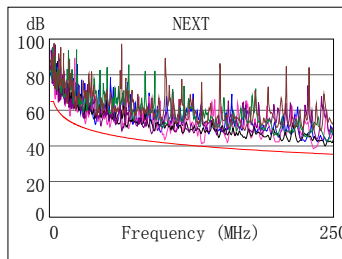


Length (ft), Limit 295	[Pair 36]	276
Prop. Delay (ns), Limit 498		424
Delay Skew (ns), Limit 44		18
Resistance (ohms)	[Pair 12]	12.1
Insertion Loss Margin (dB)	[Pair 78]	3.4
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	31.1

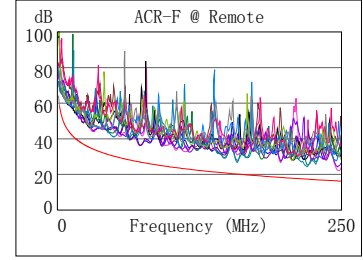
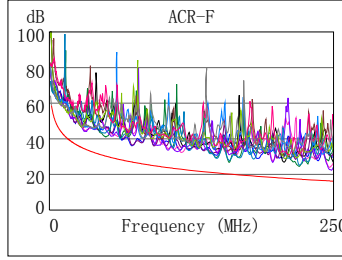


Worst Case Margin Worst Case Value

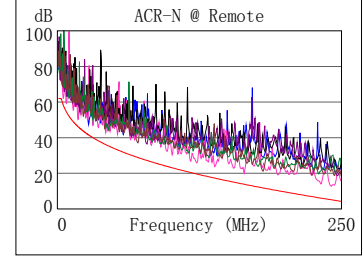
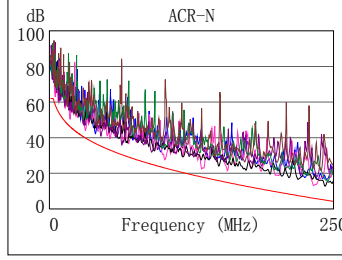
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	1.4	2.7	2.5	3.1
Freq. (MHz)	134.0	164.5	232.5	241.0
Limit (dB)	39.8	38.3	35.9	35.6
Worst Pair	12	45	12	45
PS NEXT (dB)	3.1	4.4	3.4	5.0
Freq. (MHz)	134.0	18.3	232.5	244.0
Limit (dB)	37.2	51.3	33.2	32.9



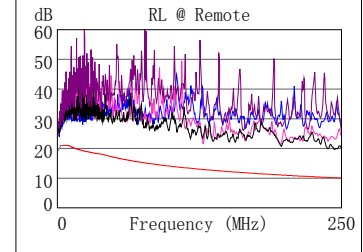
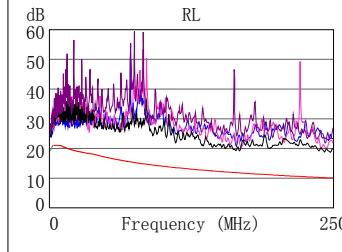
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	6.1	5.8	6.1	5.8
Freq. (MHz)	248.0	248.0	248.0	248.0
Limit (dB)	16.3	16.3	16.3	16.3
Worst Pair	12	36	12	45
PS ACR-F (dB)	8.3	8.3	8.3	8.6
Freq. (MHz)	246.5	158.0	246.5	246.5
Limit (dB)	13.4	17.2	13.4	13.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-45
ACR-N (dB)	4.2	3.8	7.8	7.7
Freq. (MHz)	18.1	5.1	242.5	241.0
Limit (dB)	46.2	58.4	5.0	5.1
Worst Pair	45	12	12	45
PS ACR-N (dB)	4.9	5.2	7.9	9.7
Freq. (MHz)	31.5	5.1	232.5	244.0
Limit (dB)	37.5	56.1	3.4	2.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	45
RL (dB)	6.7	7.2	8.6	9.5
Freq. (MHz)	4.1	5.0	247.0	244.0
Limit (dB)	21.0	21.0	10.1	10.1



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	