



Cable ID: COMCABLES 250 01

Test Summary: PASS

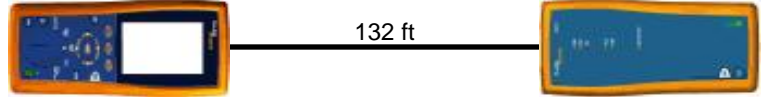
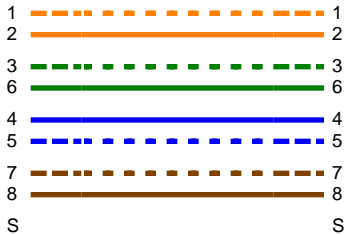
Date / Time: 10/29/2010 02:23:35pm
Headroom: 3.5 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

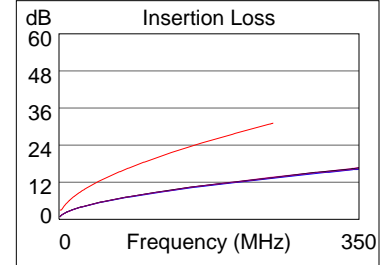
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

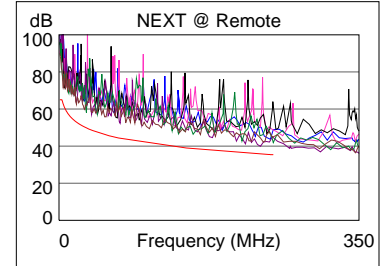
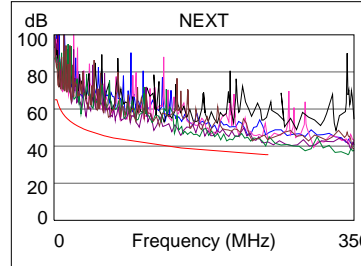
PASS



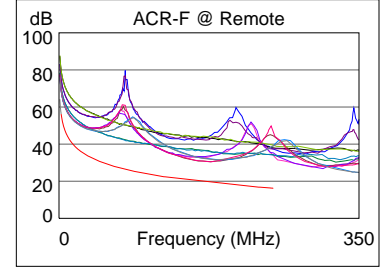
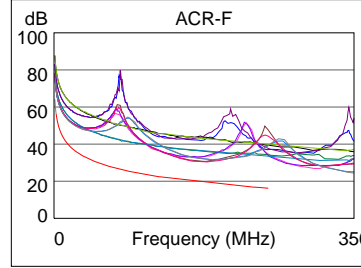
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		203
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



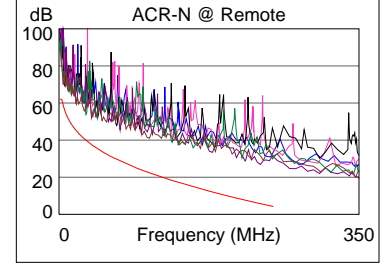
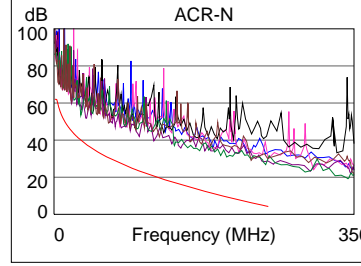
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-45	36-78	36-45
NEXT (dB)	4.7	3.5	4.7	3.5
Freq. (MHz)	247.0	232.5	247.0	232.5
Limit (dB)	35.4	35.9	35.4	35.9
Worst Pair	36	45	36	45
PS NEXT (dB)	4.7	5.1	4.7	5.1
Freq. (MHz)	245.5	233.0	245.5	233.0
Limit (dB)	32.8	33.2	32.8	33.2



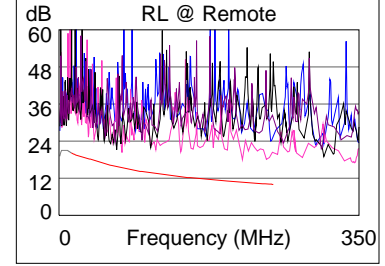
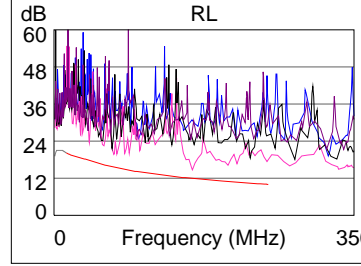
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	10.7	10.9	11.2	11.3
Freq. (MHz)	162.5	156.5	177.0	177.0
Limit (dB)	20.0	20.3	19.2	19.2
Worst Pair	45	45	78	78
PS ACR-F (dB)	11.3	11.3	11.7	11.7
Freq. (MHz)	2.3	2.5	175.5	180.5
Limit (dB)	54.1	53.2	16.3	16.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-78	36-45
ACR-N (dB)	11.2	10.8	22.3	20.5
Freq. (MHz)	4.6	4.9	247.0	232.5
Limit (dB)	59.3	58.9	4.5	6.0
Worst Pair	78	78	36	45
PS ACR-N (dB)	12.6	11.8	21.9	22.5
Freq. (MHz)	4.9	4.9	245.5	240.0
Limit (dB)	56.6	56.6	2.1	2.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	2.8	5.0	2.8	7.1
Freq. (MHz)	161.5	73.5	161.5	247.0
Limit (dB)	11.9	15.3	11.9	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: COMCABLES 250 02

Test Summary: PASS

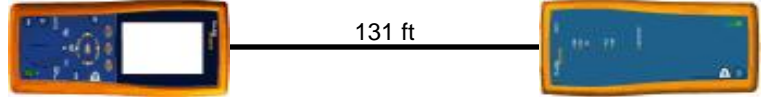
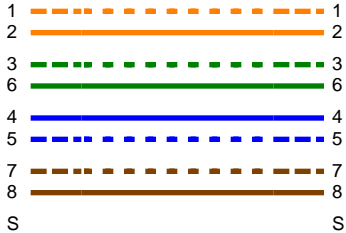
Date / Time: 10/29/2010 02:24:46pm
Headroom: 2.9 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

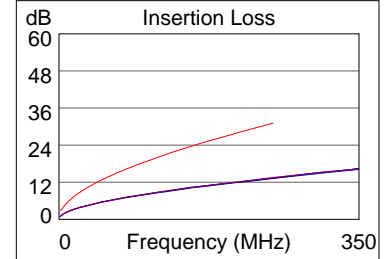
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

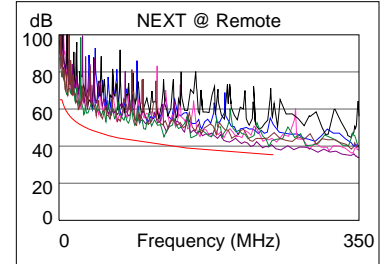
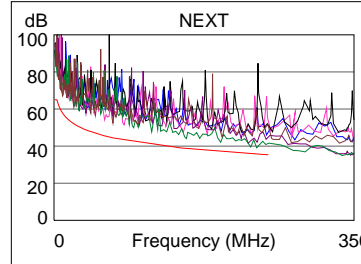
PASS



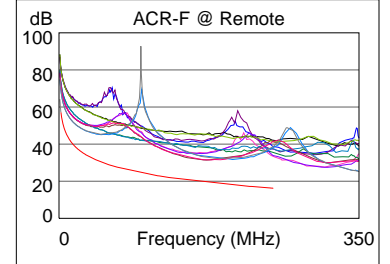
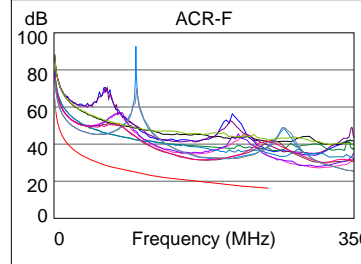
Length (ft), Limit 295	[Pair 36]	131
Prop. Delay (ns), Limit 498		201
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.5
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



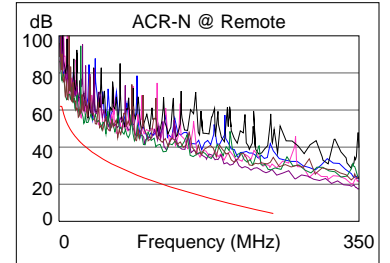
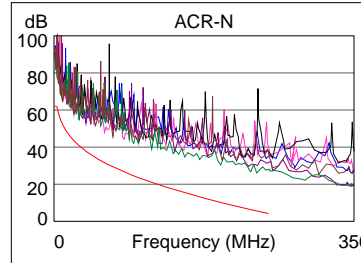
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-45	36-78	36-45
NEXT (dB)	3.1	2.9	3.1	2.9
Freq. (MHz)	238.5	242.5	238.5	242.5
Limit (dB)	35.7	35.6	35.7	35.6
Worst Pair	36	45	36	36
PS NEXT (dB)	3.9	3.6	3.9	3.8
Freq. (MHz)	229.0	237.0	229.0	246.5
Limit (dB)	33.3	33.1	33.3	32.8



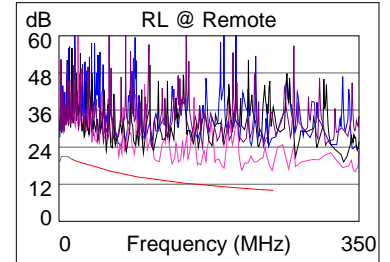
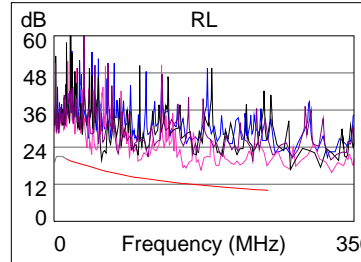
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	36-78	36-78
ACR-F (dB)	11.5	11.5	11.9	11.7
Freq. (MHz)	2.4	2.4	176.5	170.5
Limit (dB)	56.7	56.7	19.3	19.6
Worst Pair	45	45	78	78
PS ACR-F (dB)	11.7	11.7	12.8	12.6
Freq. (MHz)	2.3	2.3	186.5	176.0
Limit (dB)	54.1	54.1	15.8	16.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	36-78	36-78	36-45
ACR-N (dB)	11.7	11.7	20.3	20.4
Freq. (MHz)	10.1	29.1	238.5	242.5
Limit (dB)	52.2	40.9	5.4	5.0
Worst Pair	45	78	36	36
PS ACR-N (dB)	13.4	12.0	22.6	21.3
Freq. (MHz)	10.4	7.6	249.5	246.5
Limit (dB)	49.6	52.5	1.7	2.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	36	36	36
RL (dB)	3.2	5.1	5.7	5.2
Freq. (MHz)	55.5	116.5	249.5	215.0
Limit (dB)	16.6	13.3	10.0	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: COMCABLES 250 03

Test Summary: PASS

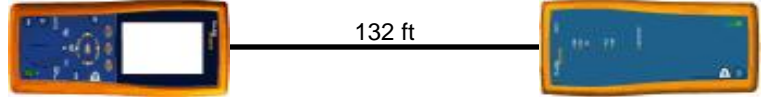
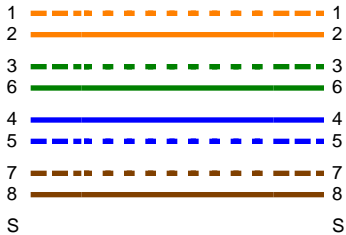
Date / Time: 10/29/2010 02:25:02pm
Headroom: 3.2 dB (NEXT 12-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

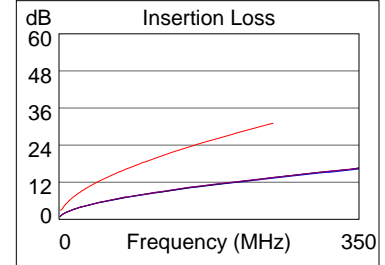
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

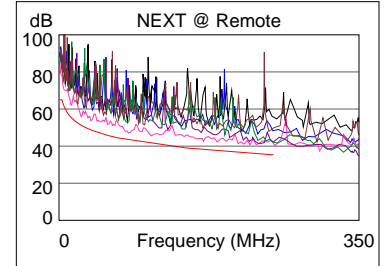
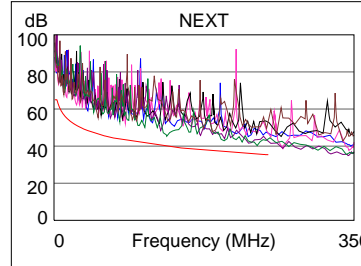
PASS



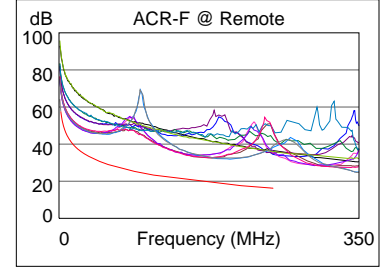
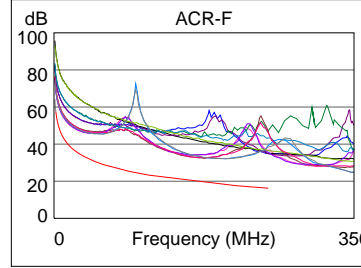
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		202
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 36]	17.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



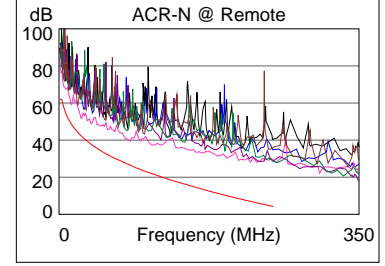
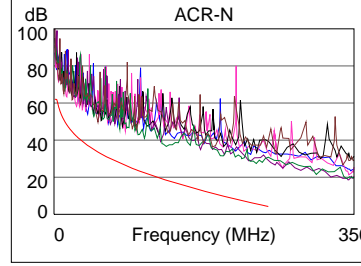
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	12-45	36-78	12-45
NEXT (dB)	4.2	3.2	4.2	4.3
Freq. (MHz)	235.0	83.5	235.0	229.0
Limit (dB)	35.8	43.1	35.8	36.0
Worst Pair	36	45	36	45
PS NEXT (dB)	4.0	4.4	4.0	4.4
Freq. (MHz)	227.5	230.0	227.5	230.0
Limit (dB)	33.4	33.3	33.4	33.3



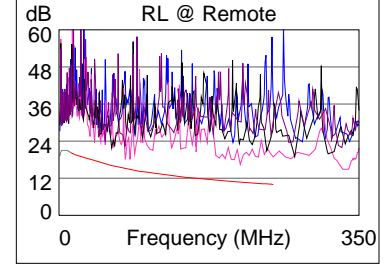
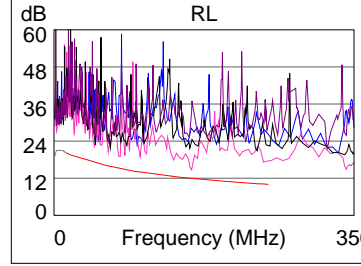
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	12-45	45-78	45-78
ACR-F (dB)	10.8	10.8	13.7	13.6
Freq. (MHz)	2.3	2.4	198.5	201.0
Limit (dB)	57.1	56.7	18.2	18.1
Worst Pair	45	45	78	78
PS ACR-F (dB)	10.9	10.9	12.8	13.0
Freq. (MHz)	2.3	2.4	175.5	176.5
Limit (dB)	54.1	53.7	16.3	16.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	12-45	36-78	12-45
ACR-N (dB)	13.0	9.5	21.2	21.2
Freq. (MHz)	4.9	25.6	235.0	229.0
Limit (dB)	58.9	42.4	5.8	6.4
Worst Pair	45	45	36	45
PS ACR-N (dB)	12.9	11.3	20.8	21.3
Freq. (MHz)	4.9	25.8	227.5	230.5
Limit (dB)	56.6	39.9	3.9	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	2.2	3.3	2.2	5.8
Freq. (MHz)	160.0	77.3	160.0	211.5
Limit (dB)	12.0	15.1	12.0	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: COMCABLES 250 04

Test Summary: PASS

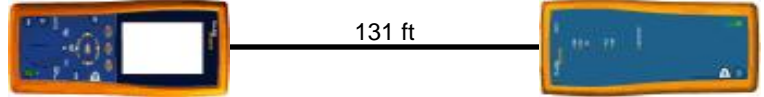
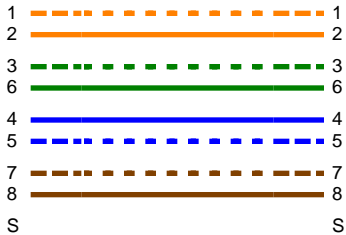
Date / Time: 10/29/2010 02:25:18pm
Headroom: 4.1 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

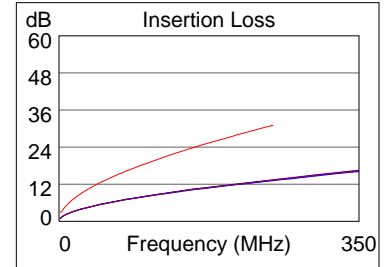
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

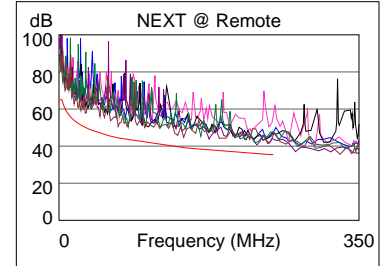
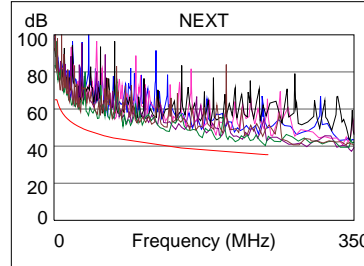
PASS



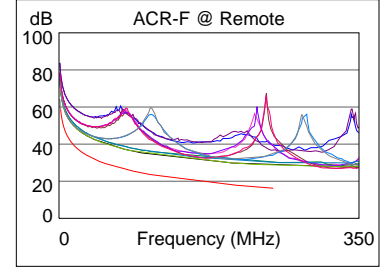
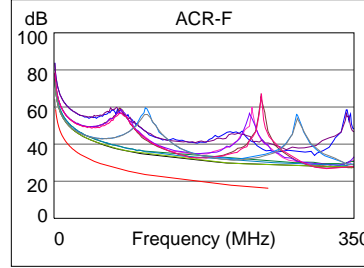
Length (ft), Limit 295	[Pair 36]	131
Prop. Delay (ns), Limit 498		200
Delay Skew (ns), Limit 44		7
Resistance (ohms)	[Pair 78]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



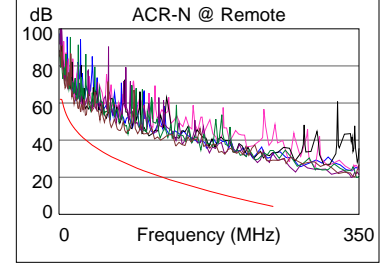
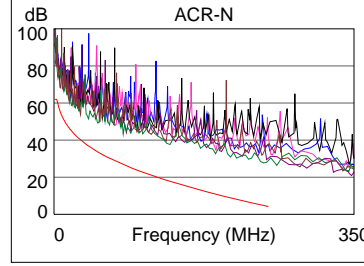
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-45	36-78	36-45
NEXT (dB)	4.1	4.5	4.1	4.5
Freq. (MHz)	245.5	230.0	245.5	230.0
Limit (dB)	35.5	35.9	35.5	35.9
Worst Pair	36	36	36	36
PS NEXT (dB)	5.9	4.0	5.9	4.0
Freq. (MHz)	213.5	229.5	248.0	229.5
Limit (dB)	33.8	33.3	32.8	33.3



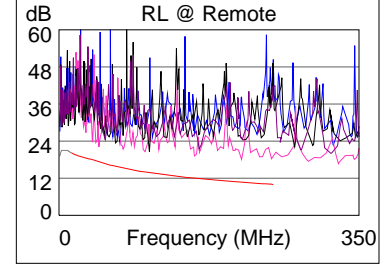
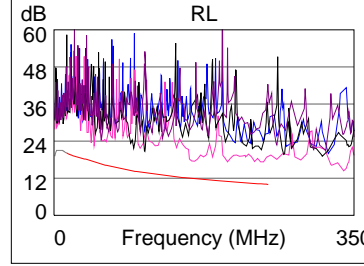
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-45	45-78	12-78	78-12
ACR-F (dB)	10.1	10.1	12.1	12.2
Freq. (MHz)	2.9	2.9	248.5	248.5
Limit (dB)	55.0	55.0	16.3	16.3
Worst Pair	78	78	78	78
PS ACR-F (dB)	9.4	9.3	11.6	11.9
Freq. (MHz)	2.0	3.3	196.0	209.5
Limit (dB)	55.2	51.0	15.3	14.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-78	36-45
ACR-N (dB)	12.1	12.3	21.8	22.3
Freq. (MHz)	7.4	7.3	245.5	243.5
Limit (dB)	55.2	55.3	4.7	4.9
Worst Pair	78	78	36	36
PS ACR-N (dB)	13.2	12.7	23.4	22.1
Freq. (MHz)	7.1	6.9	248.0	243.5
Limit (dB)	53.1	53.5	1.8	2.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	4.6	3.9	6.0	6.7
Freq. (MHz)	161.5	43.8	242.5	211.0
Limit (dB)	11.9	17.6	10.2	10.8



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: COMCABLES 250 05

Test Summary: PASS

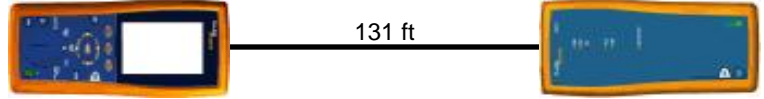
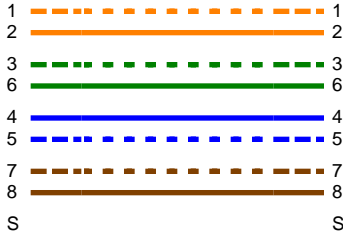
Date / Time: 10/29/2010 02:25:35pm
Headroom: 2.2 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

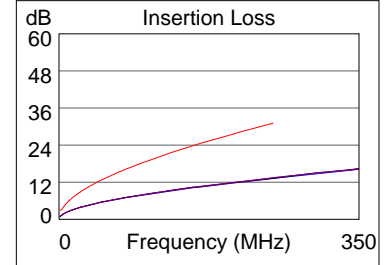
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

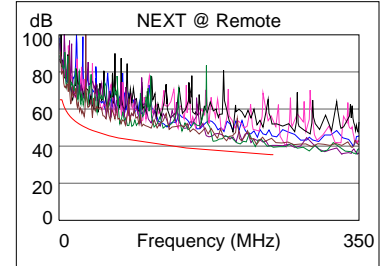
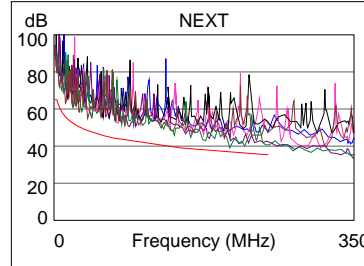
PASS



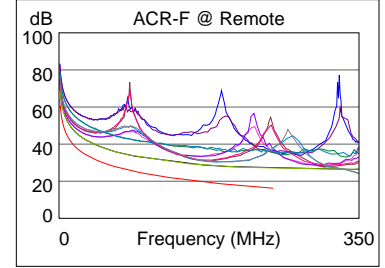
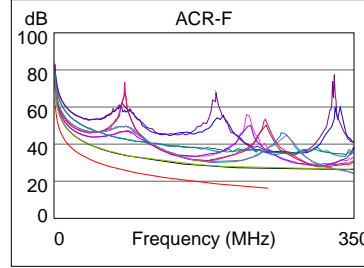
Length (ft), Limit 295	[Pair 36]	131
Prop. Delay (ns), Limit 498		201
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.7
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



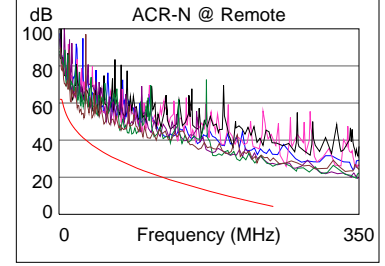
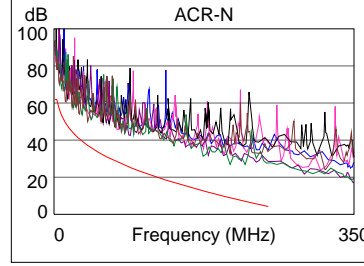
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	2.2	3.7	2.2	3.7
Freq. (MHz)	205.5	229.5	205.5	244.0
Limit (dB)	36.7	35.9	36.7	35.5
Worst Pair	36	36	36	36
PS NEXT (dB)	3.1	3.4	3.1	3.4
Freq. (MHz)	205.5	205.5	205.5	243.5
Limit (dB)	34.1	34.1	34.1	32.9



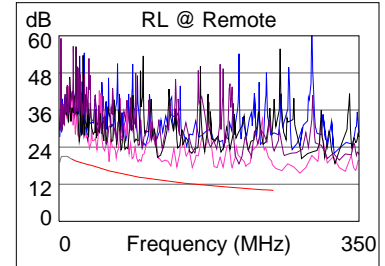
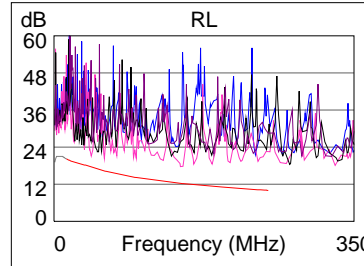
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	12-78	12-78
ACR-F (dB)	7.6	7.6	10.1	10.1
Freq. (MHz)	1.6	1.6	249.0	249.0
Limit (dB)	60.0	60.0	16.3	16.3
Worst Pair	78	78	78	78
PS ACR-F (dB)	8.0	8.0	9.1	9.4
Freq. (MHz)	1.5	1.5	185.5	191.0
Limit (dB)	57.7	57.7	15.8	15.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-78	36-78
ACR-N (dB)	10.6	10.7	19.7	21.6
Freq. (MHz)	13.6	13.8	223.5	249.5
Limit (dB)	49.2	49.1	7.0	4.3
Worst Pair	78	78	36	36
PS ACR-N (dB)	12.7	12.3	23.2	20.9
Freq. (MHz)	13.8	13.6	249.0	243.5
Limit (dB)	46.8	46.9	1.7	2.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	2.8	2.8	4.9	5.7
Freq. (MHz)	44.0	58.8	164.0	221.5
Limit (dB)	17.6	16.3	11.9	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: COMCABLES 250 06

Test Summary: PASS

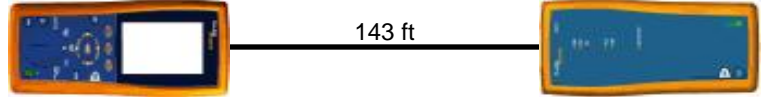
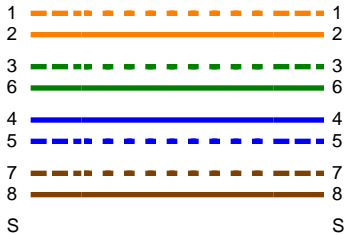
Date / Time: 10/29/2010 02:26:03pm
Headroom: 3.8 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

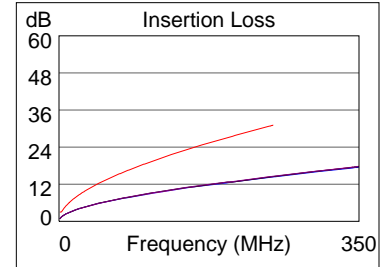
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

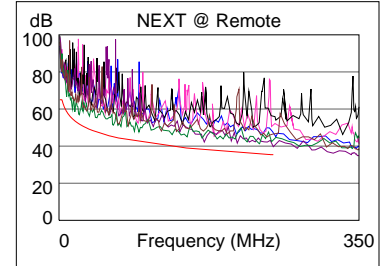
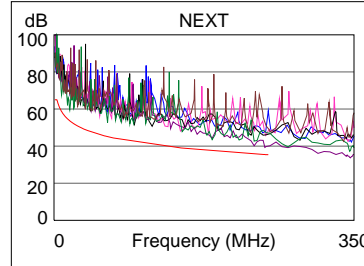
PASS



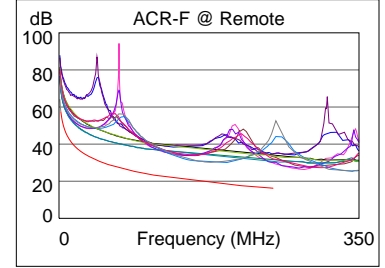
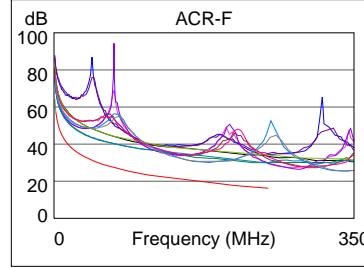
Length (ft), Limit 295	[Pair 36]	143
Prop. Delay (ns), Limit 498		219
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	6.3
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	31.1



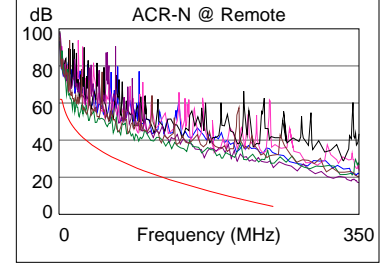
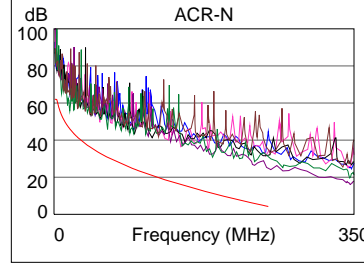
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.8	4.1	3.8	4.4
Freq. (MHz)	246.0	169.5	246.0	250.0
Limit (dB)	35.5	38.1	35.5	35.3
Worst Pair	36	36	36	36
PS NEXT (dB)	4.7	4.9	4.7	4.9
Freq. (MHz)	234.0	169.5	234.0	250.0
Limit (dB)	33.2	35.5	33.2	32.7



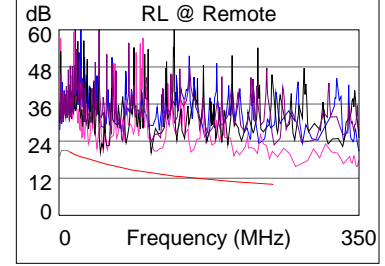
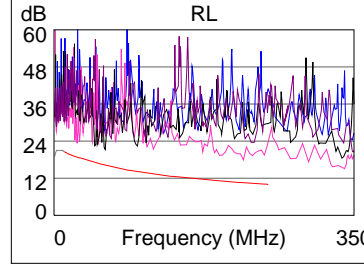
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	12-45	45-12
ACR-F (dB)	10.7	10.7	13.2	13.4
Freq. (MHz)	162.0	158.5	250.0	249.5
Limit (dB)	20.0	20.2	16.2	16.2
Worst Pair	45	45	45	45
PS ACR-F (dB)	10.3	10.0	13.6	13.7
Freq. (MHz)	2.0	1.9	249.0	248.5
Limit (dB)	55.2	55.7	13.3	13.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	9.7	8.8	20.4	21.0
Freq. (MHz)	18.4	15.6	246.0	250.0
Limit (dB)	46.1	47.8	4.6	4.2
Worst Pair	78	78	36	36
PS ACR-N (dB)	11.4	10.2	20.8	21.5
Freq. (MHz)	18.4	15.9	234.0	250.0
Limit (dB)	43.7	45.3	3.2	1.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	36	36
RL (dB)	3.9	3.0	7.3	6.9
Freq. (MHz)	51.3	48.3	221.0	209.5
Limit (dB)	16.9	17.2	10.6	10.8



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: COMCABLES 250 07

Test Summary: PASS

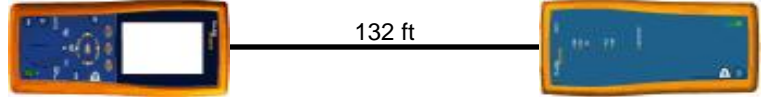
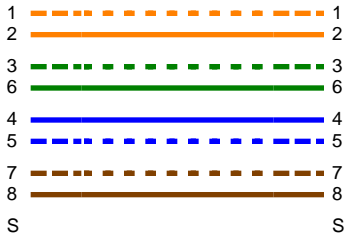
Date / Time: 10/29/2010 02:26:24pm
Headroom: 3.5 dB (NEXT 12-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

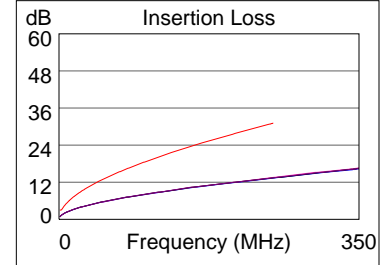
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

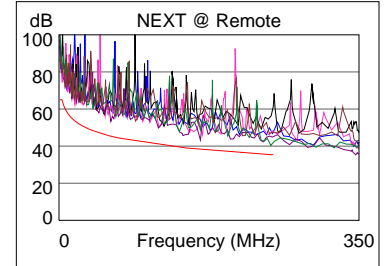
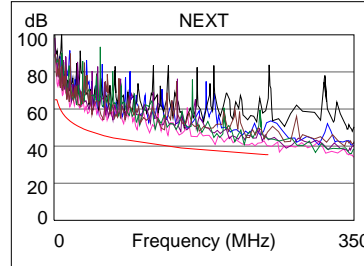
PASS



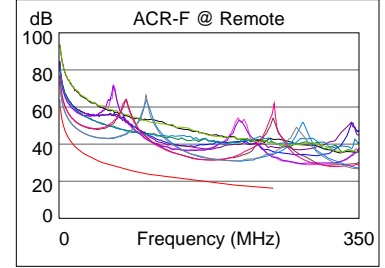
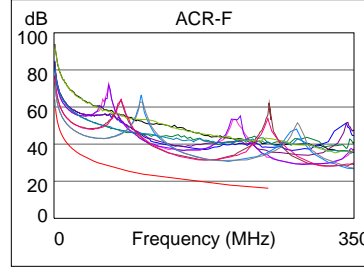
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		202
Delay Skew (ns), Limit 44		7
Resistance (ohms)	[Pair 78]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



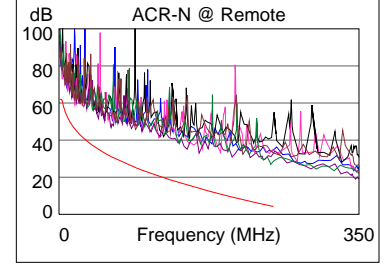
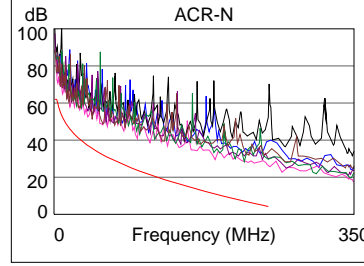
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	36-78	12-45	36-78
NEXT (dB)	3.5	4.6	4.4	4.6
Freq. (MHz)	188.0	247.5	234.0	247.5
Limit (dB)	37.4	35.4	35.8	35.4
Worst Pair	45	36	45	36
PS NEXT (dB)	4.7	5.5	5.1	5.5
Freq. (MHz)	228.0	247.5	248.5	247.5
Limit (dB)	33.4	32.8	32.7	32.8



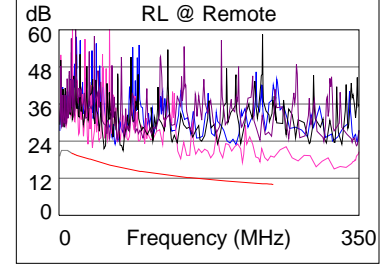
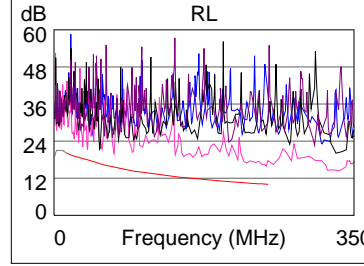
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-45	45-78	45-78	78-45
ACR-F (dB)	9.5	9.5	12.7	12.8
Freq. (MHz)	1.9	1.9	204.0	205.5
Limit (dB)	58.7	58.7	18.0	17.9
Worst Pair	78	78	78	78
PS ACR-F (dB)	11.1	11.0	12.4	12.6
Freq. (MHz)	2.8	2.4	184.0	190.5
Limit (dB)	52.4	53.7	15.9	15.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	12-45	12-45	36-78
ACR-N (dB)	10.1	11.6	22.5	22.1
Freq. (MHz)	4.0	3.6	249.0	247.5
Limit (dB)	60.6	61.4	4.3	4.5
Worst Pair	45	45	45	36
PS ACR-N (dB)	11.4	12.3	22.6	22.9
Freq. (MHz)	4.0	4.0	248.5	247.5
Limit (dB)	58.3	58.3	1.8	1.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	45	36	36
RL (dB)	3.2	3.4	5.8	6.4
Freq. (MHz)	38.8	53.3	247.5	242.5
Limit (dB)	18.1	16.7	10.1	10.2



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: COMCABLES 250 08

Test Summary: PASS

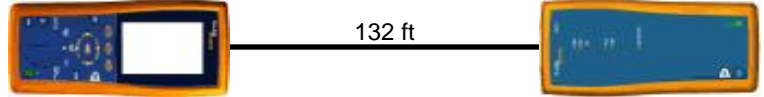
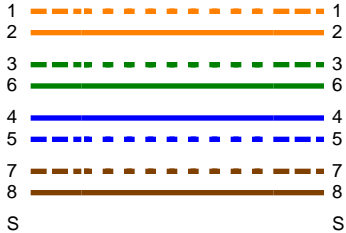
Date / Time: 10/29/2010 02:26:39pm
Headroom: 3.8 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

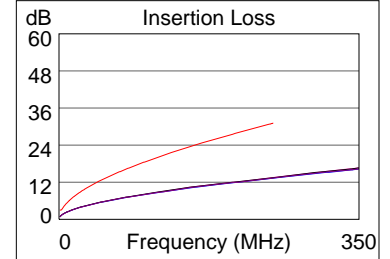
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

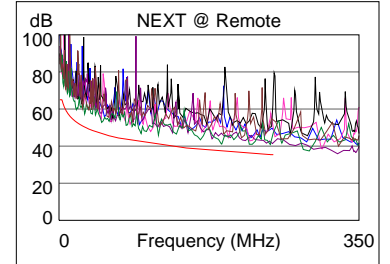
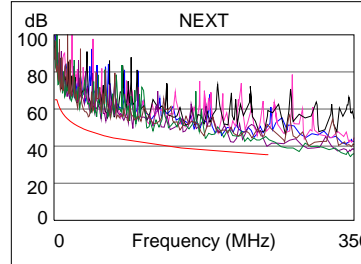
PASS



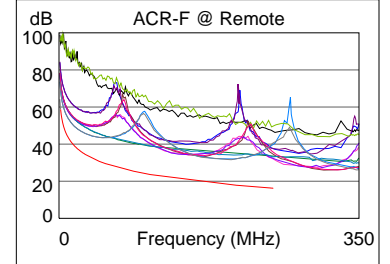
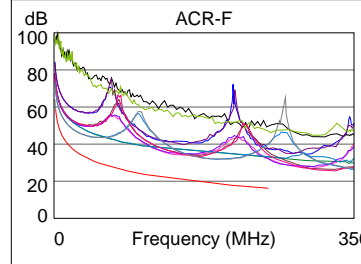
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		203
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



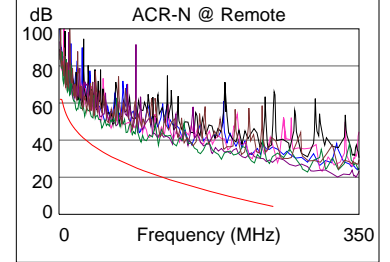
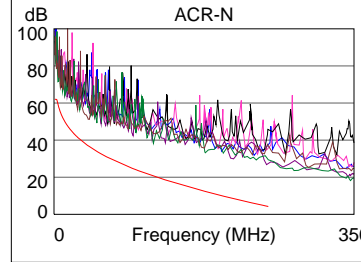
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-78	36-45	36-78
NEXT (dB)	4.5	3.8	4.5	4.1
Freq. (MHz)	248.5	189.5	248.5	227.5
Limit (dB)	35.4	37.3	35.4	36.0
Worst Pair	36	36	36	36
PS NEXT (dB)	4.6	4.4	4.8	4.4
Freq. (MHz)	210.0	227.5	248.5	227.5
Limit (dB)	34.0	33.4	32.7	33.4



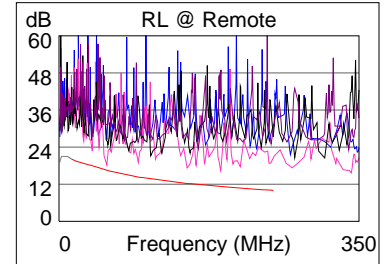
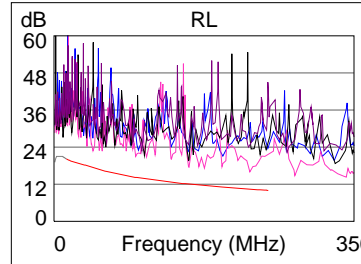
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	45-78	78-45
ACR-F (dB)	9.9	9.9	13.0	12.9
Freq. (MHz)	2.8	2.0	188.0	188.0
Limit (dB)	55.4	58.2	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	10.3	10.3	13.2	13.3
Freq. (MHz)	2.0	2.8	183.5	186.0
Limit (dB)	55.2	52.4	15.9	15.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	11.7	11.0	22.1	22.8
Freq. (MHz)	4.9	20.0	248.5	248.0
Limit (dB)	58.9	45.2	4.4	4.4
Worst Pair	78	78	36	36
PS ACR-N (dB)	11.9	11.8	22.2	22.4
Freq. (MHz)	4.9	4.9	248.5	246.0
Limit (dB)	56.6	56.6	1.8	2.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	4.1	1.4	5.6	5.2
Freq. (MHz)	46.0	55.5	228.5	188.5
Limit (dB)	17.4	16.6	10.4	11.2



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: COMCABLES 250 09

Test Summary: PASS

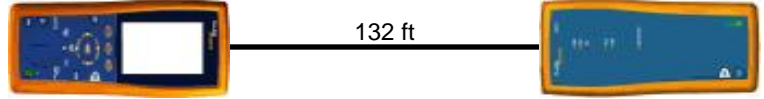
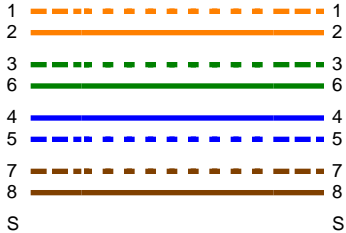
Date / Time: 10/29/2010 02:26:57pm
Headroom: 3.1 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

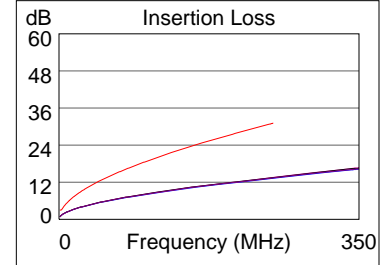
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

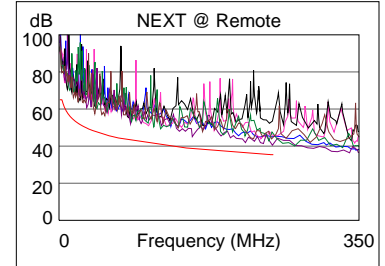
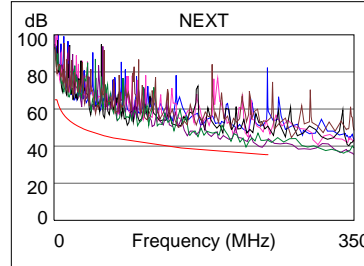
PASS



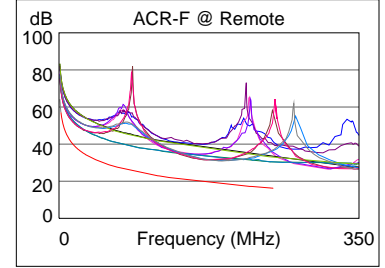
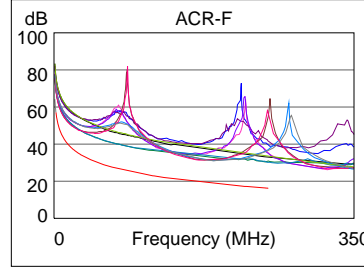
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		202
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



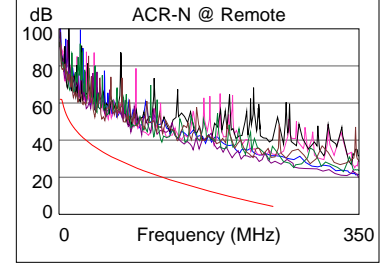
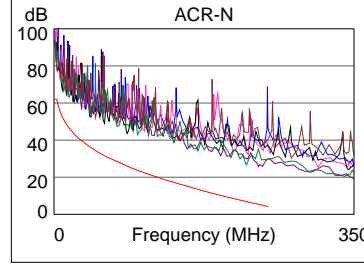
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.1	5.0	3.1	5.0
Freq. (MHz)	238.5	248.5	238.5	248.5
Limit (dB)	35.7	35.4	35.7	35.4
Worst Pair	36	45	36	45
PS NEXT (dB)	3.9	5.1	3.9	5.1
Freq. (MHz)	225.0	236.0	225.0	248.5
Limit (dB)	33.5	33.1	33.5	32.7



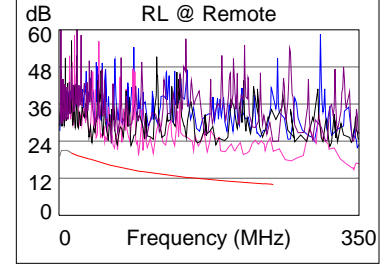
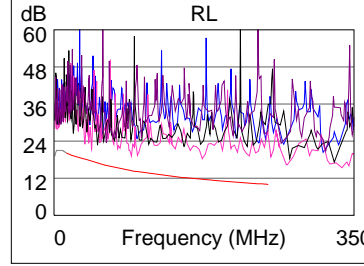
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	45-36	36-45
ACR-F (dB)	11.5	11.5	13.8	13.9
Freq. (MHz)	3.3	2.4	249.0	249.0
Limit (dB)	54.0	56.7	16.3	16.3
Worst Pair	36	36	78	78
PS ACR-F (dB)	11.3	11.3	11.9	11.9
Freq. (MHz)	2.4	2.4	186.0	186.5
Limit (dB)	53.7	53.7	15.8	15.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	14.2	15.5	20.3	22.6
Freq. (MHz)	9.5	9.6	238.5	248.5
Limit (dB)	52.8	52.7	5.4	4.4
Worst Pair	78	45	36	45
PS ACR-N (dB)	15.3	15.6	21.8	22.6
Freq. (MHz)	9.3	6.6	243.0	248.5
Limit (dB)	50.7	53.8	2.3	1.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	3.7	4.8	3.9	4.8
Freq. (MHz)	43.8	93.0	98.0	93.0
Limit (dB)	17.6	14.3	14.1	14.3



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: COMCABLES 250 10

Test Summary: PASS

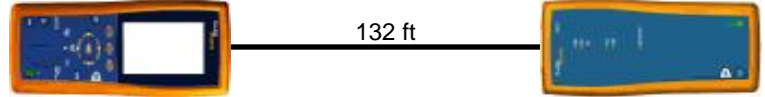
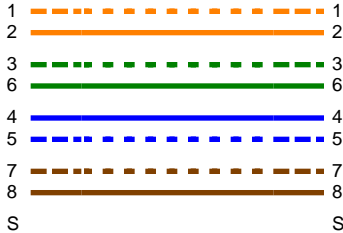
Date / Time: 10/29/2010 02:27:13pm
Headroom: 4.3 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: HAYES/KLINGENSMITH
 Software Version: 2.3600
 Limits Version: 1.5000
 NVP: 69.0%

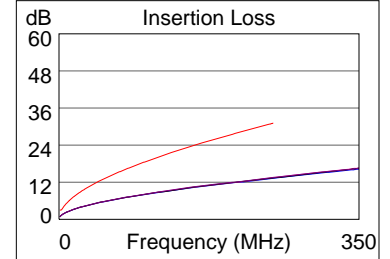
Model: DTX-1800
 Main S/N: 8820041
 Remote S/N: 8820042
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

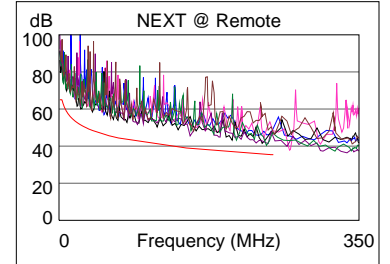
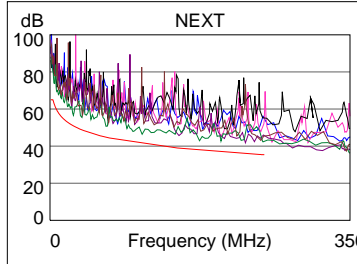
PASS



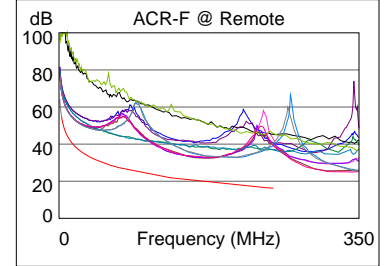
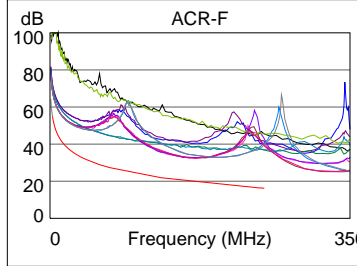
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		202
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



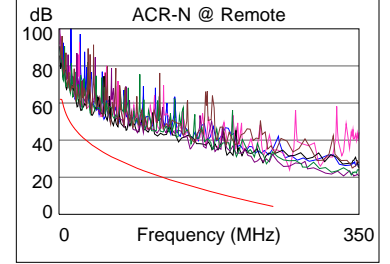
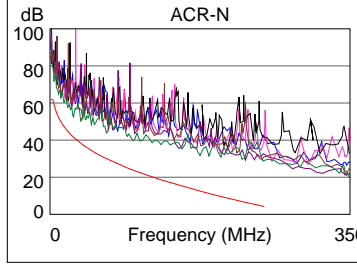
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-45	36-78
NEXT (dB)	4.3	4.5	5.8	4.5
Freq. (MHz)	106.5	242.5	228.0	242.5
Limit (dB)	41.4	35.6	36.0	35.6
Worst Pair	36	36	45	36
PS NEXT (dB)	5.9	4.5	6.2	4.5
Freq. (MHz)	186.0	243.0	246.5	243.0
Limit (dB)	34.8	32.9	32.8	32.9



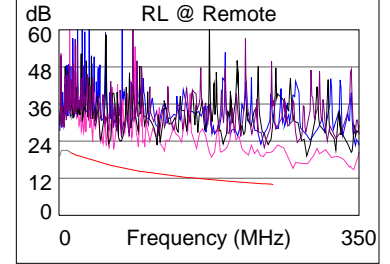
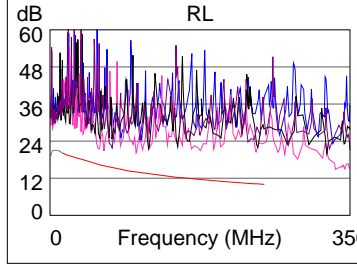
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	12-45	78-36	36-78
ACR-F (dB)	12.5	12.4	12.7	12.6
Freq. (MHz)	154.0	154.5	171.5	171.0
Limit (dB)	20.4	20.4	19.5	19.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	12.4	12.4	13.4	13.2
Freq. (MHz)	2.5	2.5	183.0	182.5
Limit (dB)	53.2	53.2	15.9	16.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	10.8	12.5	24.2	21.9
Freq. (MHz)	27.0	4.8	250.0	242.5
Limit (dB)	41.8	59.1	4.2	5.0
Worst Pair	78	78	45	36
PS ACR-N (dB)	12.7	12.2	23.7	21.9
Freq. (MHz)	12.9	4.9	246.5	243.0
Limit (dB)	47.4	56.6	2.0	2.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	3.8	5.5	5.4	8.0
Freq. (MHz)	55.3	55.5	117.0	239.5
Limit (dB)	16.6	16.6	13.3	10.2



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