



Cable ID: IN42-0001

Test Summary: PASS

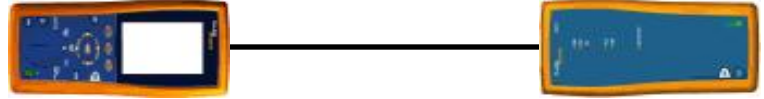
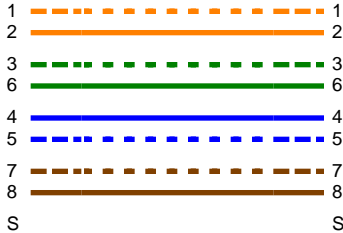
Date / Time: 07/14/2008 12:59:29pm
Headroom: 6.9 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: Your Name
 Software Version: 1.4100
 Limits Version: 1.0400
 NVP: 69.0%

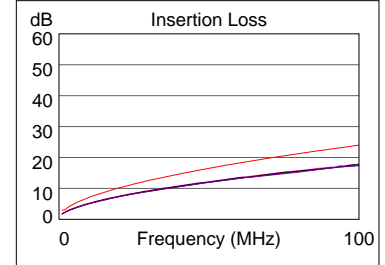
Model: DTX-1800
 Main S/N: 9414025
 Remote S/N: 9414026
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

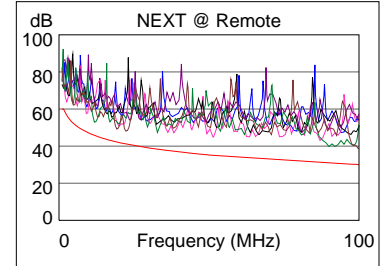
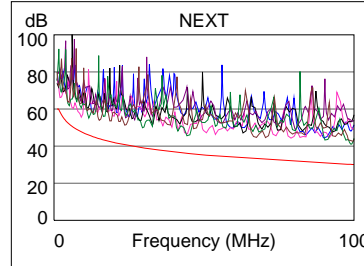
PASS



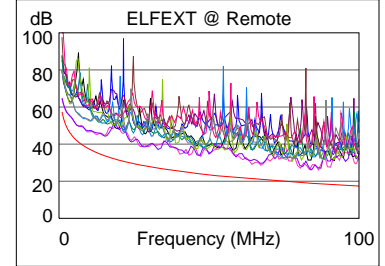
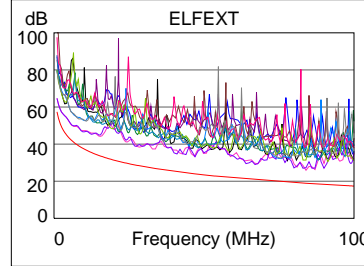
Length (ft), Limit 328	[Pair 78]	264
Prop. Delay (ns), Limit 555	[Pair 36]	397
Delay Skew (ns), Limit 50	[Pair 36]	8
Resistance (ohms)	[Pair 45]	17.0
Insertion Loss Margin (dB)	[Pair 36]	6.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



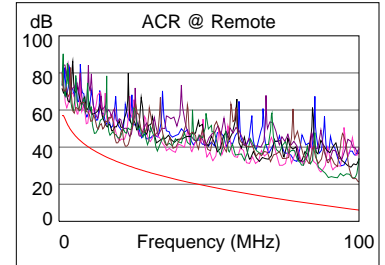
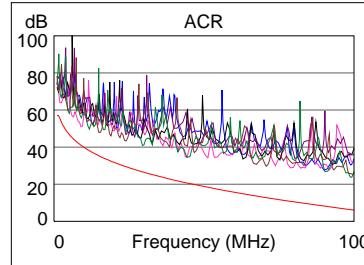
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	45-78	36-78	45-78
NEXT (dB)	7.7	6.9	10.8	8.6
Freq. (MHz)	2.1	22.3	99.0	99.8
Limit (dB)	58.0	41.2	30.2	30.1
Worst Pair	45	45	78	78
PSNEXT (dB)	9.8	8.1	11.5	9.9
Freq. (MHz)	9.1	19.5	99.0	98.0
Limit (dB)	44.7	39.2	27.2	27.2



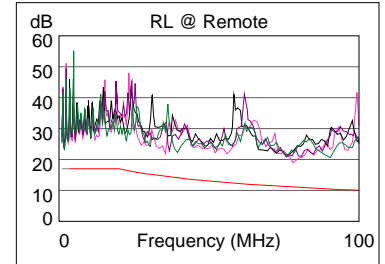
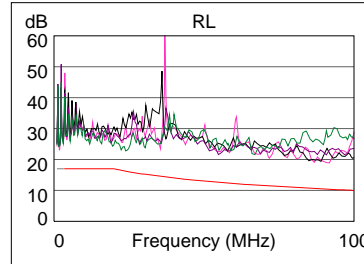
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	12-45	12-45	12-45
ELFEXT (dB)	7.0	7.1	7.0	7.4
Freq. (MHz)	84.0	1.1	84.0	86.5
Limit (dB)	18.9	56.4	18.9	18.7
Worst Pair	12	12	12	12
PSELFEXT (dB)	8.9	9.3	8.9	9.3
Freq. (MHz)	83.5	84.0	83.5	84.0
Limit (dB)	16.0	15.9	16.0	15.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	12-45	36-78	45-78
ACR (dB)	8.5	8.1	17.4	15.2
Freq. (MHz)	2.1	2.4	99.0	100.0
Limit (dB)	54.8	53.8	6.3	6.1
Worst Pair	45	12	78	78
PSACR (dB)	10.8	9.8	18.1	16.3
Freq. (MHz)	1.9	2.5	99.0	98.0
Limit (dB)	52.8	50.4	3.3	3.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	12	12	12
RL (dB)	6.5	7.4	7.9	7.8
Freq. (MHz)	24.0	35.5	91.3	78.0
Limit (dB)	16.2	14.5	10.4	11.1



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: IN42-0002

Test Summary: PASS

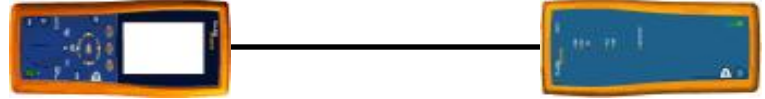
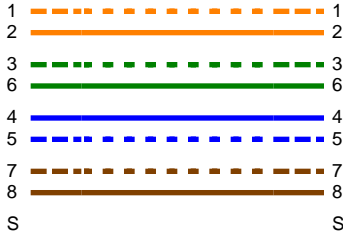
Date / Time: 07/14/2008 03:11:26pm
Headroom: 7.9 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: Your Name
 Software Version: 1.4100
 Limits Version: 1.0400
 NVP: 69.0%

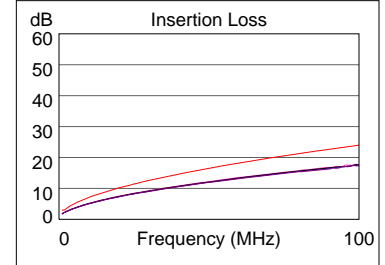
Model: DTX-1800
 Main S/N: 9414025
 Remote S/N: 9414026
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

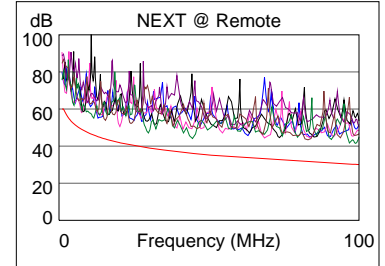
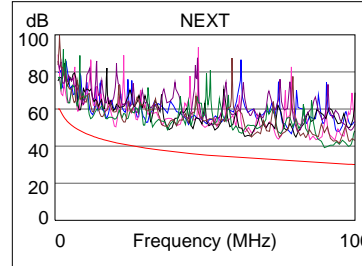
PASS



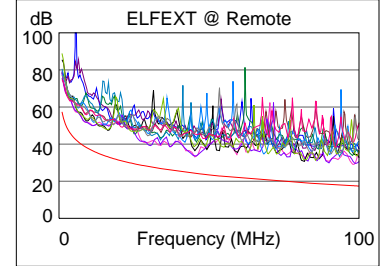
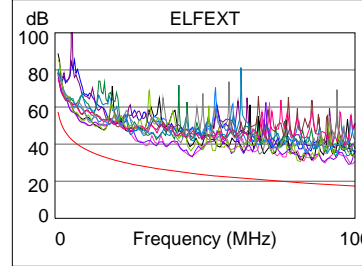
Length (ft), Limit 328	[Pair 78]	263
Prop. Delay (ns), Limit 555	[Pair 36]	395
Delay Skew (ns), Limit 50	[Pair 36]	8
Resistance (ohms)	[Pair 45]	16.7
Insertion Loss Margin (dB)	[Pair 36]	6.1
Frequency (MHz)	[Pair 36]	99.5
Limit (dB)	[Pair 36]	23.9



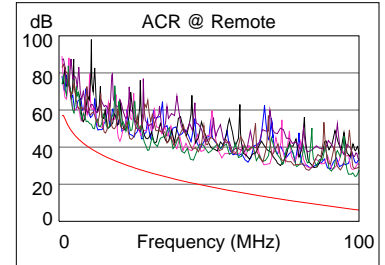
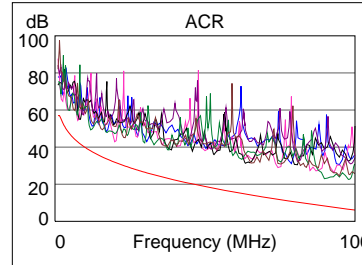
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	7.9	7.9	7.9	11.3
Freq. (MHz)	90.0	44.3	90.0	98.8
Limit (dB)	30.9	36.1	30.9	30.2
Worst Pair	12	12	78	78
PSNEXT (dB)	10.2	9.5	10.6	12.8
Freq. (MHz)	7.8	7.8	98.0	98.8
Limit (dB)	45.8	45.8	27.2	27.2



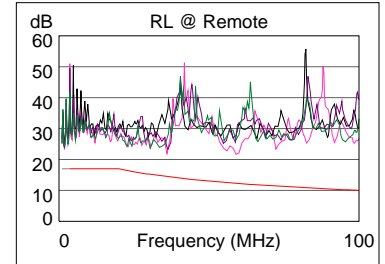
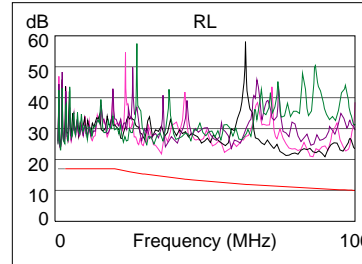
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-12	12-45	45-12	12-45
ELFEXT (dB)	8.8	8.8	11.5	11.5
Freq. (MHz)	45.3	45.3	98.0	98.0
Limit (dB)	24.3	24.3	17.6	17.6
Worst Pair	12	12	12	12
PSELFEXT (dB)	9.9	10.9	13.1	11.4
Freq. (MHz)	45.3	45.3	98.3	82.3
Limit (dB)	21.3	21.3	14.6	16.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	12-45	36-78	36-78
ACR (dB)	10.6	10.9	14.3	17.9
Freq. (MHz)	2.3	7.5	90.0	98.8
Limit (dB)	54.3	42.9	8.2	6.3
Worst Pair	12	12	78	78
PSACR (dB)	12.0	11.3	16.9	19.4
Freq. (MHz)	7.8	7.8	98.0	98.8
Limit (dB)	39.6	39.6	3.5	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	7.0	7.5	9.8	9.0
Freq. (MHz)	35.8	35.8	85.5	59.3
Limit (dB)	14.5	14.5	10.7	12.3



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: IN42-0003

Test Summary: PASS

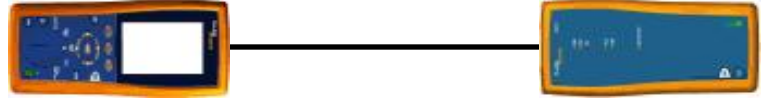
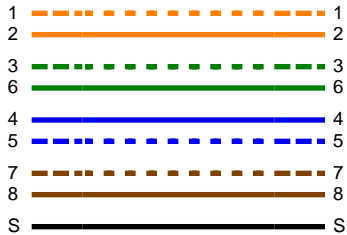
Date / Time: 07/09/2008 03:22:27pm
 Headroom: 17.7 dB (NEXT 12-36)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e FTP

Operator: Your Name
 Software Version: 1.4100
 Limits Version: 1.0400
 NVP: 69.0%

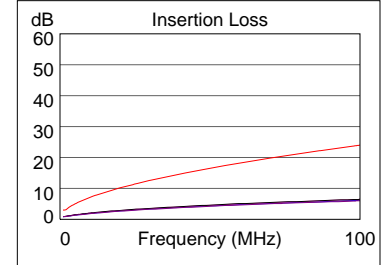
Model: DTX-1800
 Main S/N: 9414025
 Remote S/N: 9414026
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

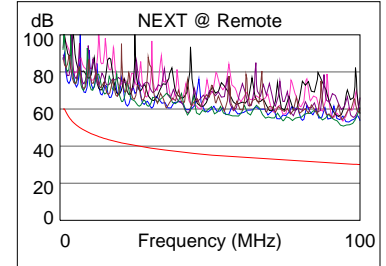
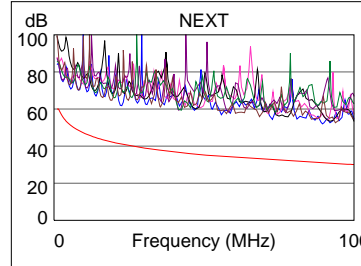
PASS



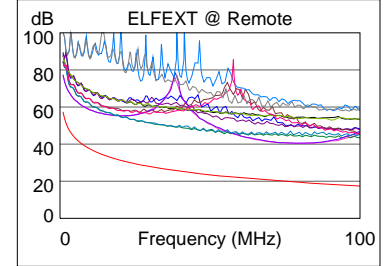
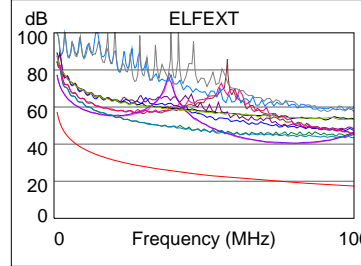
Length (ft), Limit 328	[Pair 12]	121
Prop. Delay (ns), Limit 555	[Pair 45]	193
Delay Skew (ns), Limit 50	[Pair 45]	14
Resistance (ohms)	[Pair 45]	5.9
Insertion Loss Margin (dB)	[Pair 36]	17.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



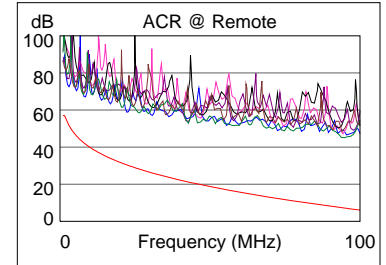
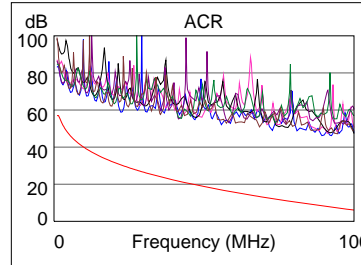
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	12-36	36-78
NEXT (dB)	18.6	17.7	21.1	20.2
Freq. (MHz)	2.6	2.8	89.5	94.3
Limit (dB)	56.5	56.2	30.9	30.5
Worst Pair	36	36	12	78
PSNEXT (dB)	18.3	18.4	21.2	21.2
Freq. (MHz)	2.8	2.6	91.8	94.0
Limit (dB)	53.2	53.5	27.7	27.5



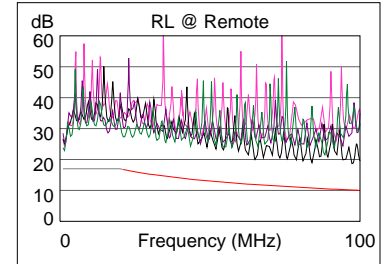
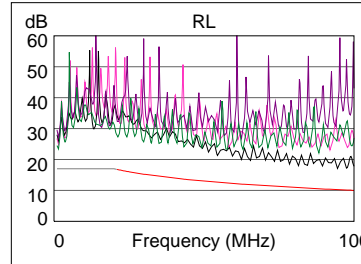
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	12-45	12-45	12-45
ELFEXT (dB)	19.7	19.7	20.9	20.8
Freq. (MHz)	2.3	2.1	81.3	78.3
Limit (dB)	50.4	50.9	19.2	19.5
Worst Pair	45	45	45	45
PSELFEXT (dB)	21.7	21.9	22.6	22.5
Freq. (MHz)	3.0	3.0	80.8	78.3
Limit (dB)	44.9	44.9	16.3	16.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	36-78
ACR (dB)	21.1	20.3	37.6	37.6
Freq. (MHz)	2.6	2.6	89.5	94.3
Limit (dB)	52.9	52.9	8.3	7.3
Worst Pair	36	36	12	36
PSACR (dB)	20.9	20.9	38.2	38.7
Freq. (MHz)	2.5	2.5	91.8	96.8
Limit (dB)	50.4	50.4	4.8	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	6.6	8.0	6.8	8.4
Freq. (MHz)	84.0	65.3	94.5	97.5
Limit (dB)	10.8	11.9	10.3	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