



Cable ID: JL-12155-PP6-1M/G-01

Test Summary: PASS

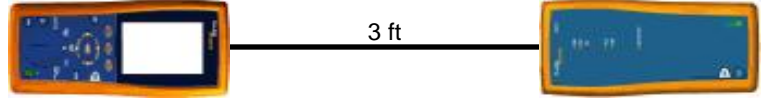
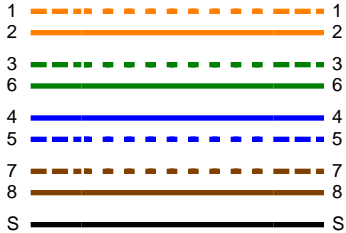
Date / Time: 05/23/2012 09:17:42am
 Headroom: 23.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

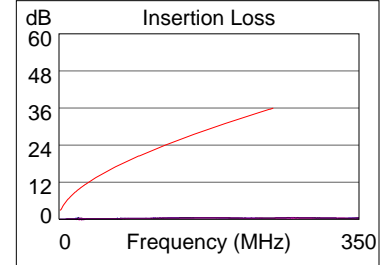
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

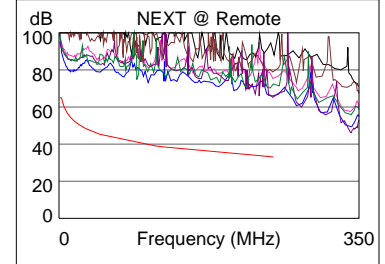
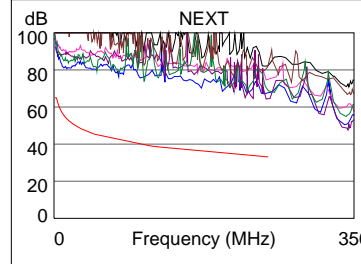
PASS



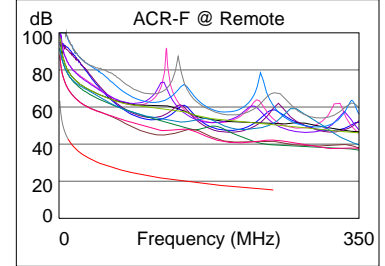
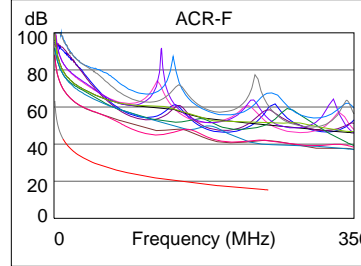
Length (ft), Limit 328	[Pair 12]	3
Prop. Delay (ns), Limit 555		5
Delay Skew (ns), Limit 50		0
Resistance (ohms)	[Pair 12]	1.3
Insertion Loss Margin (dB)	[Pair 12]	29.8
Frequency (MHz)	[Pair 12]	187.0
Limit (dB)	[Pair 12]	30.3



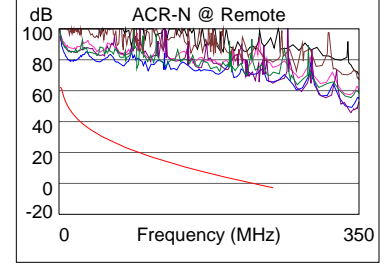
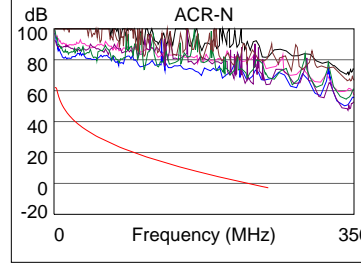
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	12-36	36-45	36-45
NEXT (dB)	23.6	23.6	30.8	28.5
Freq. (MHz)	3.1	6.5	248.0	227.5
Limit (dB)	64.8	59.6	33.2	33.8
Worst Pair	36	36	36	36
PS NEXT (dB)	23.6	24.1	31.5	30.1
Freq. (MHz)	3.1	3.6	248.0	227.5
Limit (dB)	62.0	61.2	30.2	30.9



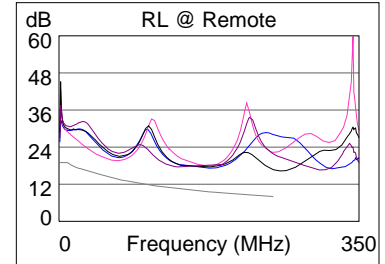
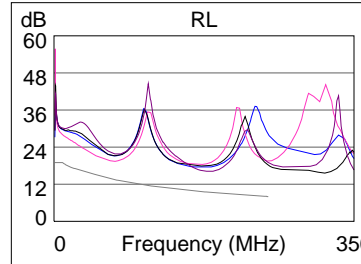
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	45-36	36-45
ACR-F (dB)	22.9	22.8	24.4	24.3
Freq. (MHz)	109.5	109.5	249.5	249.5
Limit (dB)	22.5	22.5	15.3	15.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.8	25.1	25.3	25.3
Freq. (MHz)	107.0	194.5	249.5	207.0
Limit (dB)	19.7	14.5	12.3	13.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-36	36-45	36-45
ACR-N (dB)	27.2	27.7	66.2	62.2
Freq. (MHz)	3.1	3.0	248.0	227.5
Limit (dB)	61.2	61.5	-2.6	-0.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	27.2	27.8	67.0	63.7
Freq. (MHz)	3.1	3.0	248.0	227.5
Limit (dB)	58.4	58.5	-5.6	-3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36	36	78	45
RL (dB)	5.7	5.6	6.6	8.7
Freq. (MHz)	56.5	56.5	179.0	250.0
Limit (dB)	14.5	14.5	9.5	8.0



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: JL-12155-PP6-2M/BK-01

Test Summary: PASS

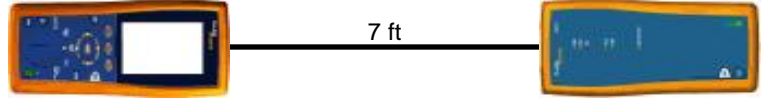
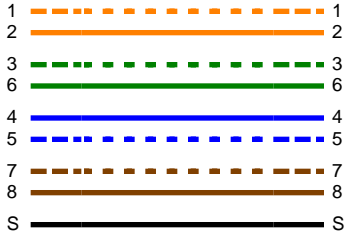
Date / Time: 05/23/2012 09:34:15am
 Headroom: 2.4 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

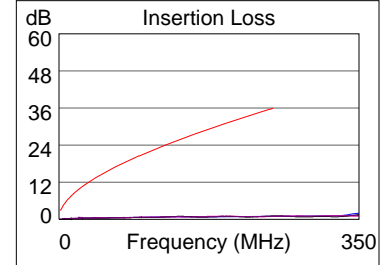
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

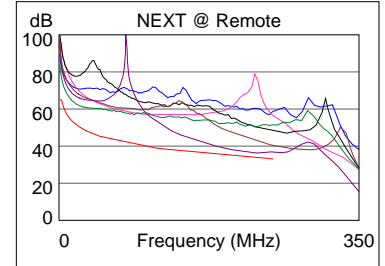
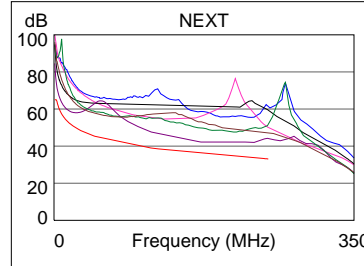
PASS



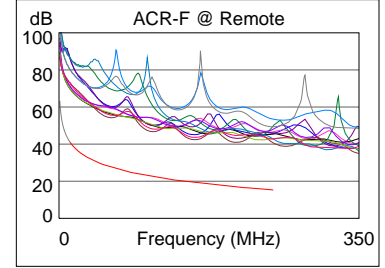
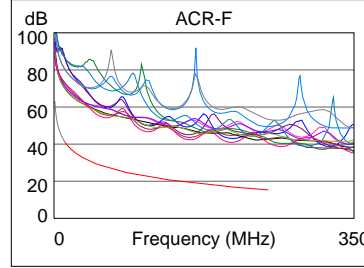
Length (ft), Limit 328	[Pair 12]	7
Prop. Delay (ns), Limit 555		10
Delay Skew (ns), Limit 50		0
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 45]	34.8
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



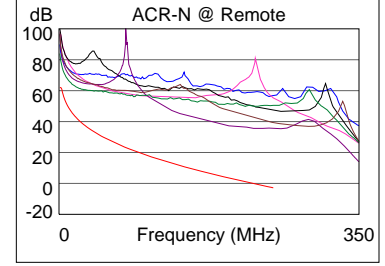
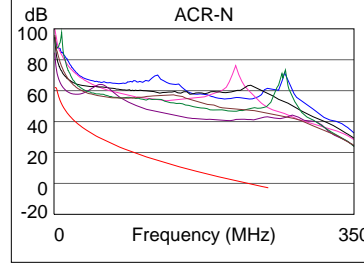
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.0	2.4	6.7	2.4
Freq. (MHz)	11.4	227.5	200.0	227.5
Limit (dB)	55.7	33.8	34.8	33.8
Worst Pair	45	45	36	45
PS NEXT (dB)	8.1	4.5	8.6	5.0
Freq. (MHz)	12.4	227.5	201.5	250.0
Limit (dB)	52.5	30.9	31.8	30.2



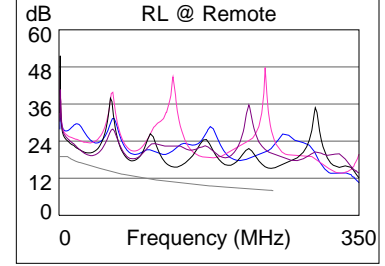
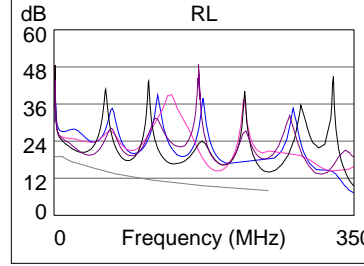
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	23.0	23.0	25.3	25.3
Freq. (MHz)	155.0	155.0	250.0	250.0
Limit (dB)	19.5	19.5	15.3	15.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.6	24.4	24.6	26.4
Freq. (MHz)	204.0	155.0	205.5	250.0
Limit (dB)	14.1	16.5	14.0	12.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-78	36-45	36-45
ACR-N (dB)	11.2	15.1	36.9	35.6
Freq. (MHz)	4.3	3.0	196.5	227.5
Limit (dB)	58.5	61.5	3.7	-0.2
Worst Pair	36	36	36	45
PS ACR-N (dB)	13.5	15.9	39.3	39.9
Freq. (MHz)	4.3	3.3	201.5	250.0
Limit (dB)	56.0	58.4	0.1	-5.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	78	78	45	45
RL (dB)	3.4	3.1	5.9	7.1
Freq. (MHz)	37.0	33.8	249.5	245.5
Limit (dB)	16.2	16.4	8.0	8.1



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: JL-12155-PP6-3M/B-01

Test Summary: PASS

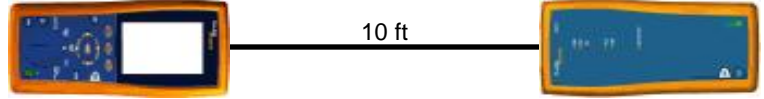
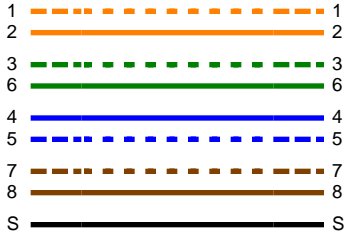
Date / Time: 05/23/2012 09:40:14am
 Headroom: 3.3 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

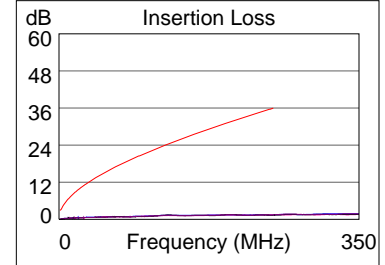
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

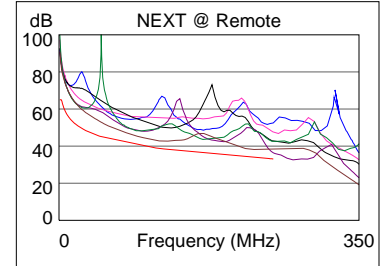
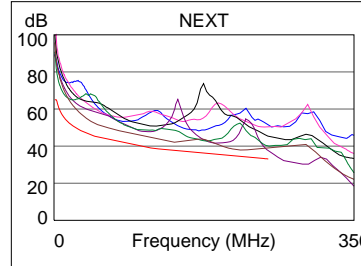
PASS



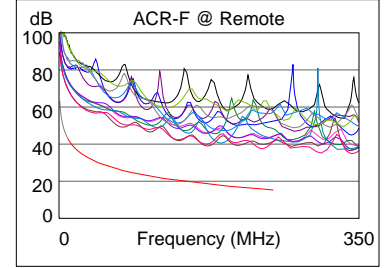
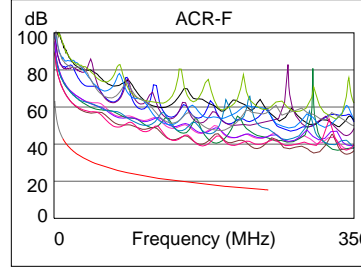
Length (ft), Limit 328	[Pair 36]	10
Prop. Delay (ns), Limit 555		15
Delay Skew (ns), Limit 50		1
Resistance (ohms)	[Pair 12]	2.5
Insertion Loss Margin (dB)	[Pair 12]	34.4
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



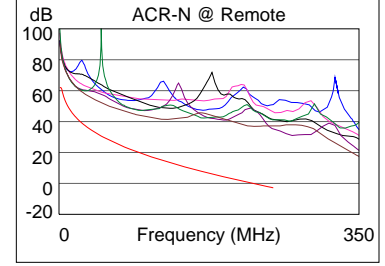
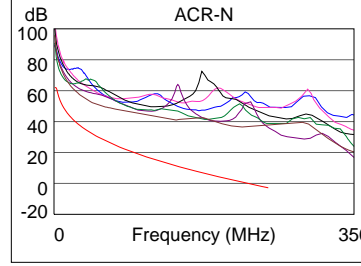
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	36-45	36-45	36-45
NEXT (dB)	3.7	3.3	4.4	3.3
Freq. (MHz)	217.5	250.0	250.0	250.0
Limit (dB)	34.2	33.1	33.1	33.1
Worst Pair	45	45	45	45
PS NEXT (dB)	5.1	3.9	5.1	3.9
Freq. (MHz)	249.5	250.0	249.5	250.0
Limit (dB)	30.2	30.2	30.2	30.2



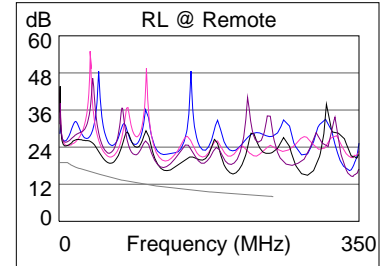
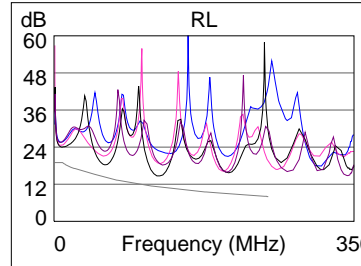
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	36-78	78-36
ACR-F (dB)	20.5	20.5	21.7	21.7
Freq. (MHz)	171.0	171.0	234.0	234.5
Limit (dB)	18.6	18.6	15.9	15.9
Worst Pair	36	78	78	36
PS ACR-F (dB)	22.8	23.2	24.7	23.8
Freq. (MHz)	172.5	171.0	234.0	236.5
Limit (dB)	15.5	15.6	12.9	12.8



	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)	18.2	19.2	38.9	37.8
Freq. (MHz)	4.4	14.0	250.0	250.0
Limit (dB)	58.2	46.7	-2.8	-2.8
Worst Pair	36	36	45	45
PS ACR-N (dB)	18.6	18.4	39.7	38.5
Freq. (MHz)	4.4	9.6	250.0	250.0
Limit (dB)	55.7	48.1	-5.8	-5.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45	45	45	45
RL (dB)	3.4	4.5	3.4	6.4
Freq. (MHz)	121.5	56.5	121.5	203.0
Limit (dB)	11.2	14.5	11.2	8.9



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: JL-12155-PP6-3M/G-01

Test Summary: PASS

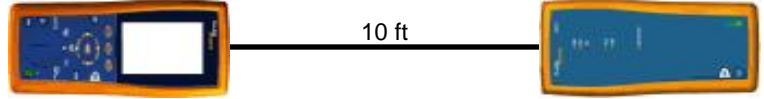
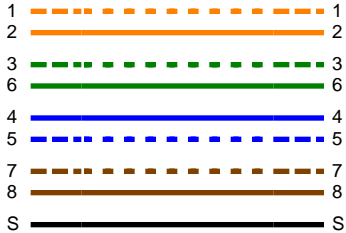
Date / Time: 05/23/2012 09:44:59am
 Headroom: 3.3 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

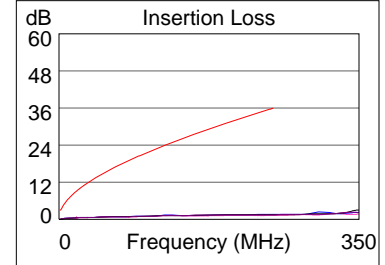
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

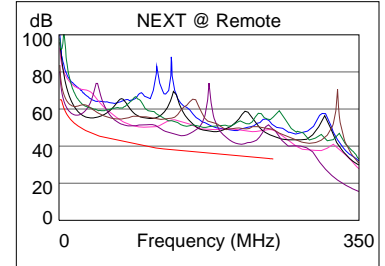
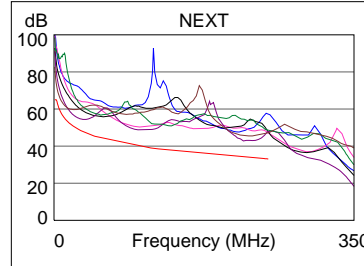
PASS



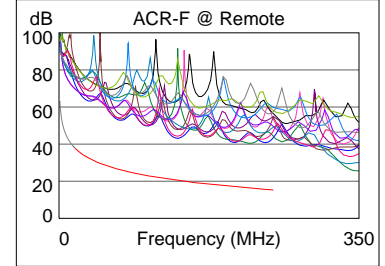
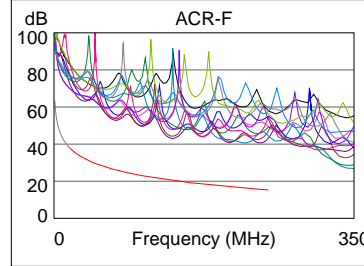
Length (ft), Limit 328	[Pair 36]	10
Prop. Delay (ns), Limit 555		15
Delay Skew (ns), Limit 50		1
Resistance (ohms)	[Pair 12]	2.1
Insertion Loss Margin (dB)	[Pair 12]	33.0
Frequency (MHz)	[Pair 12]	234.0
Limit (dB)	[Pair 12]	34.6



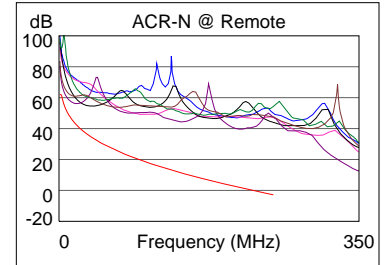
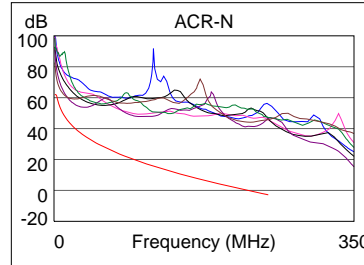
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.9	3.3	8.6	6.6
Freq. (MHz)	23.9	9.8	223.0	212.0
Limit (dB)	50.4	56.8	34.0	34.3
Worst Pair	45	45	45	45
PS NEXT (dB)	6.5	4.3	9.3	8.3
Freq. (MHz)	16.8	7.5	226.0	212.0
Limit (dB)	50.3	56.1	30.9	31.4



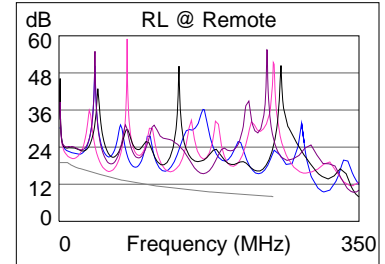
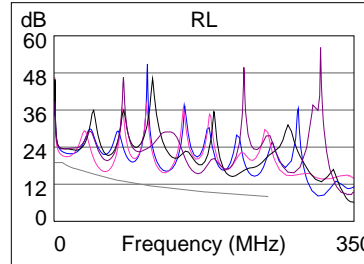
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-12	12-36	36-12	36-45
ACR-F (dB)	22.5	22.6	24.9	24.1
Freq. (MHz)	136.5	136.5	240.0	222.0
Limit (dB)	20.6	20.6	15.7	16.3
Worst Pair	12	36	36	36
PS ACR-F (dB)	25.2	22.6	26.0	23.6
Freq. (MHz)	134.5	136.5	223.0	203.0
Limit (dB)	17.7	17.6	13.3	14.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	36-45	36-45	36-45
ACR-N (dB)	10.8	8.0	40.7	37.8
Freq. (MHz)	3.3	3.4	223.0	212.0
Limit (dB)	60.9	60.5	0.4	1.7
Worst Pair	45	45	45	45
PS ACR-N (dB)	12.4	8.8	42.0	39.5
Freq. (MHz)	3.3	3.3	229.5	212.0
Limit (dB)	58.4	58.4	-3.4	-1.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36	36	45	12
RL (dB)	1.7	1.7	5.7	7.0
Freq. (MHz)	56.8	56.5	207.0	231.5
Limit (dB)	14.5	14.5	8.8	8.4



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: JL-12155-PP6-0.5M/G-01

Test Summary: PASS

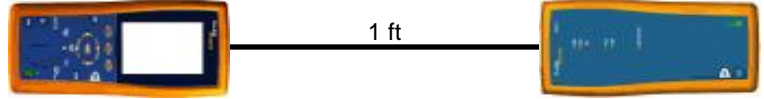
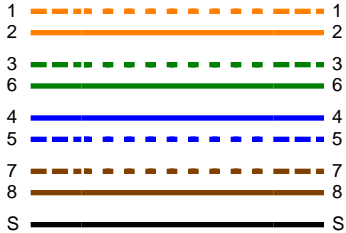
Date / Time: 05/23/2012 09:51:20am
 Headroom: 24.0 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

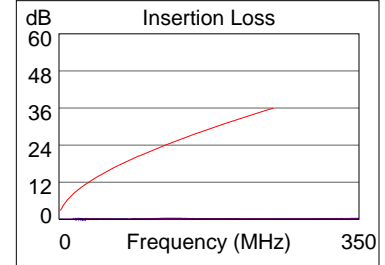
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

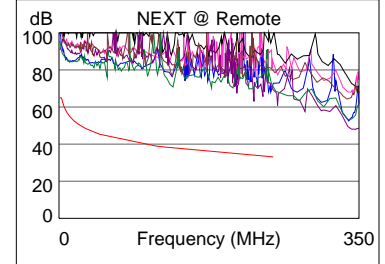
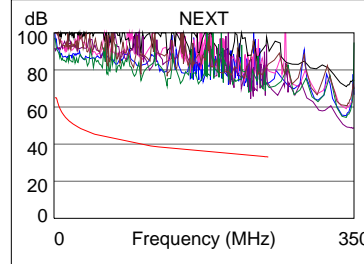
PASS



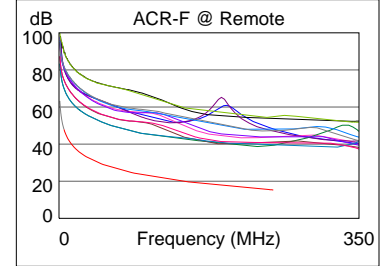
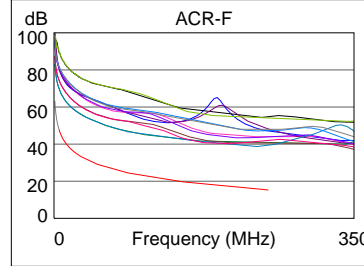
Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555		2
Delay Skew (ns), Limit 50		0
Resistance (ohms)	[Pair 12]	0.4
Insertion Loss Margin (dB)	[Pair 12]	25.6
Frequency (MHz)	[Pair 12]	142.0
Limit (dB)	[Pair 12]	25.9



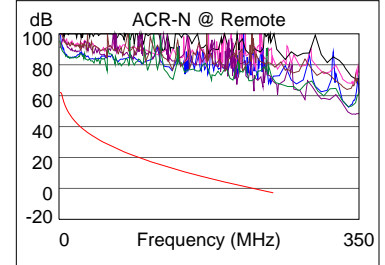
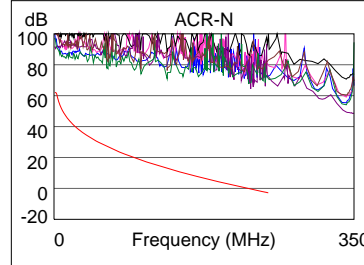
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	24.0	25.1	30.7	29.2
Freq. (MHz)	1.6	1.6	229.5	227.5
Limit (dB)	65.0	65.0	33.8	33.8
Worst Pair	36	36	36	36
PS NEXT (dB)	24.9	25.1	31.5	31.0
Freq. (MHz)	3.3	3.8	229.5	227.5
Limit (dB)	62.0	61.0	30.8	30.9



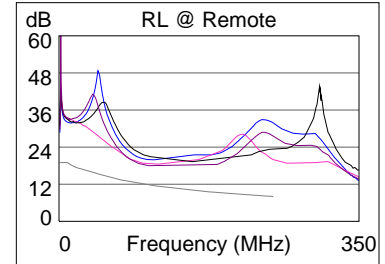
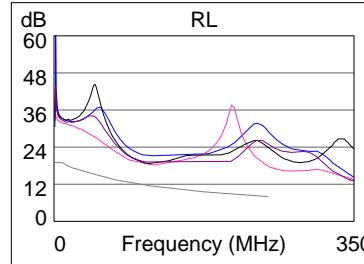
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	21.9	21.9	22.0	22.1
Freq. (MHz)	197.0	197.0	216.5	216.5
Limit (dB)	17.4	17.4	16.5	16.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	22.2	23.2	22.8	23.4
Freq. (MHz)	184.0	175.5	216.5	216.5
Limit (dB)	15.0	15.4	13.5	13.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	27.0	28.1	64.8	63.1
Freq. (MHz)	1.6	1.6	229.5	227.5
Limit (dB)	62.0	62.0	-0.4	-0.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	28.1	28.3	65.5	64.8
Freq. (MHz)	2.4	2.1	229.5	227.5
Limit (dB)	58.9	59.0	-3.4	-3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36	78	78	78
RL (dB)	6.5	6.1	7.5	7.4
Freq. (MHz)	107.5	100.5	168.5	156.5
Limit (dB)	11.7	12.0	9.7	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: JL-12155-PP6-0.5M/B-01

Test Summary: PASS

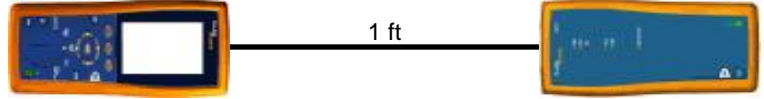
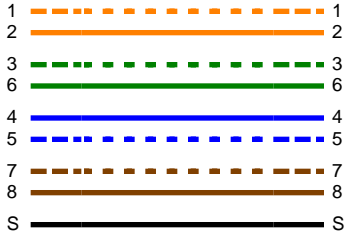
Date / Time: 05/23/2012 09:56:03am
 Headroom: 23.7 dB (NEXT 45-78)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

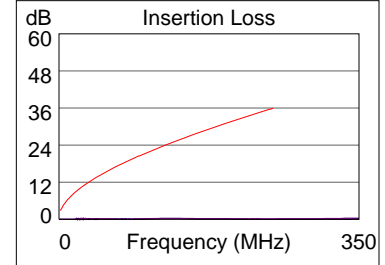
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

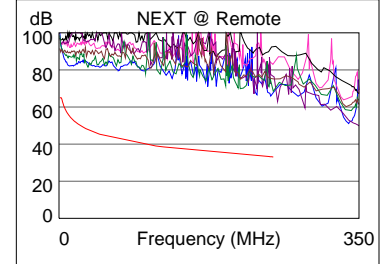
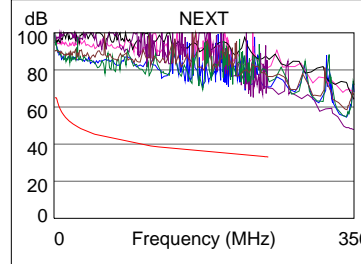
PASS



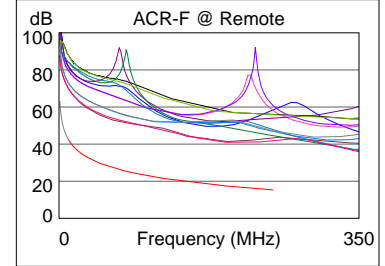
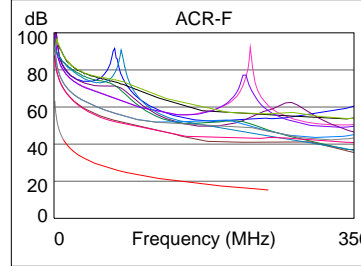
Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555		2
Delay Skew (ns), Limit 50		0
Resistance (ohms)	[Pair 36]	0.5
Insertion Loss Margin (dB)	[Pair 12]	25.6
Frequency (MHz)	[Pair 12]	142.0
Limit (dB)	[Pair 12]	25.9



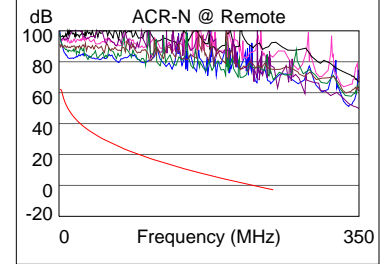
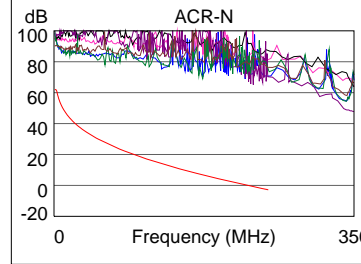
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	36-45	12-36
NEXT (dB)	24.3	23.7	31.5	32.7
Freq. (MHz)	1.5	2.1	232.5	247.0
Limit (dB)	65.0	65.0	33.7	33.2
Worst Pair	78	45	36	36
PS NEXT (dB)	25.4	24.7	32.8	32.6
Freq. (MHz)	3.0	2.9	229.5	250.0
Limit (dB)	62.0	62.0	30.8	30.2



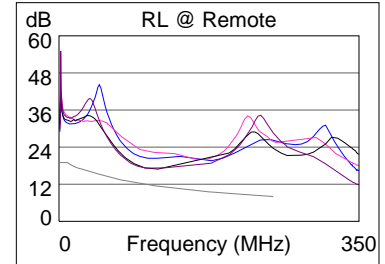
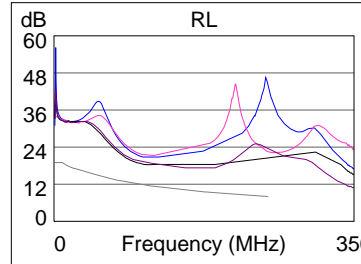
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	78-36	36-78	78-36
ACR-F (dB)	23.2	23.3	23.7	23.7
Freq. (MHz)	180.0	180.0	202.5	202.5
Limit (dB)	18.2	18.2	17.1	17.1
Worst Pair	36	36	36	36
PS ACR-F (dB)	25.8	25.2	26.2	25.5
Freq. (MHz)	182.0	168.0	203.5	191.0
Limit (dB)	15.1	15.8	14.1	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	12-36
ACR-N (dB)	27.3	26.7	66.0	68.3
Freq. (MHz)	1.5	2.1	232.5	247.0
Limit (dB)	62.0	62.0	-0.8	-2.5
Worst Pair	45	78	36	36
PS ACR-N (dB)	28.6	28.0	66.8	68.5
Freq. (MHz)	1.5	2.1	229.5	250.0
Limit (dB)	59.0	59.0	-3.4	-5.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45	45	78	45
RL (dB)	6.6	5.2	7.0	5.2
Freq. (MHz)	101.0	103.5	169.5	108.0
Limit (dB)	12.0	11.9	9.7	11.7



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: JL-12155-PP6-0.5M/BK-01

Test Summary: PASS

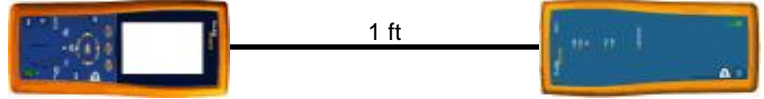
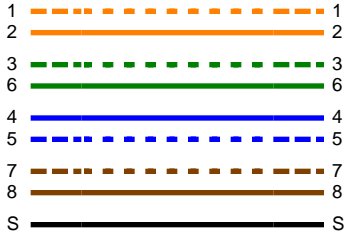
Date / Time: 05/23/2012 10:01:06am
 Headroom: 21.9 dB (NEXT 36-78)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

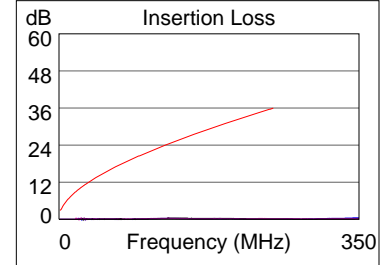
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

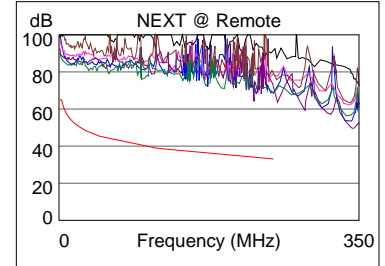
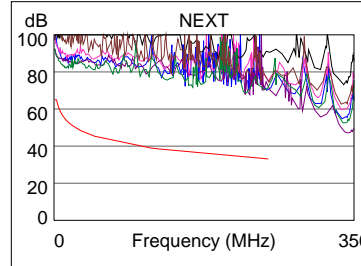
PASS



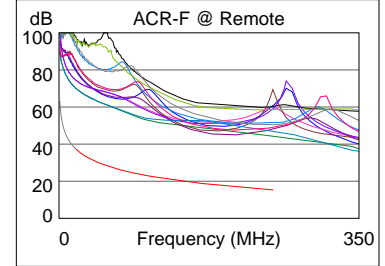
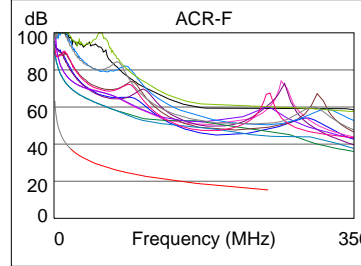
Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555		2
Delay Skew (ns), Limit 50		0
Resistance (ohms)	[Pair 12]	0.4
Insertion Loss Margin (dB)	[Pair 45]	26.8
Frequency (MHz)	[Pair 45]	154.5
Limit (dB)	[Pair 45]	27.2



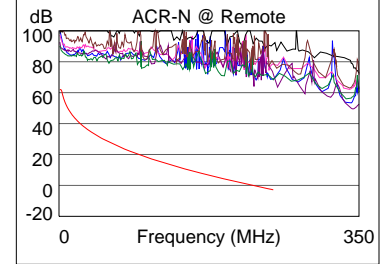
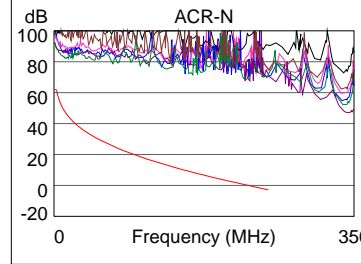
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-78	36-45
NEXT (dB)	22.8	21.9	34.2	30.3
Freq. (MHz)	3.0	2.9	240.5	227.5
Limit (dB)	65.0	65.0	33.4	33.8
Worst Pair	36	36	36	36
PS NEXT (dB)	22.8	22.1	34.0	32.3
Freq. (MHz)	3.1	3.0	228.5	227.5
Limit (dB)	62.0	62.0	30.8	30.9



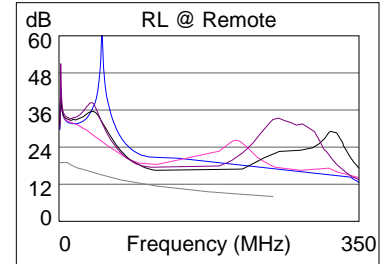
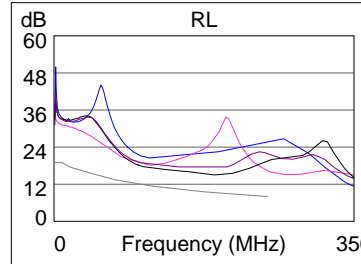
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-12	45-36	36-45
ACR-F (dB)	27.1	27.2	28.9	29.0
Freq. (MHz)	182.0	177.5	248.5	248.5
Limit (dB)	18.1	18.3	15.4	15.4
Worst Pair	36	12	36	45
PS ACR-F (dB)	26.8	28.9	27.2	30.8
Freq. (MHz)	182.0	171.5	197.0	248.5
Limit (dB)	15.1	15.6	14.4	12.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-78	36-78	36-45
ACR-N (dB)	26.3	25.1	69.2	64.2
Freq. (MHz)	3.0	2.3	240.5	227.5
Limit (dB)	61.5	61.9	-1.7	-0.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	26.4	25.6	67.8	66.1
Freq. (MHz)	3.1	2.9	228.5	227.5
Limit (dB)	58.4	58.6	-3.2	-3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45	45	45	45
RL (dB)	5.6	5.0	5.6	5.5
Freq. (MHz)	108.0	108.0	182.0	171.5
Limit (dB)	11.7	11.7	9.4	9.7



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: JL-12155-PP6-2M/B-01

Test Summary: PASS

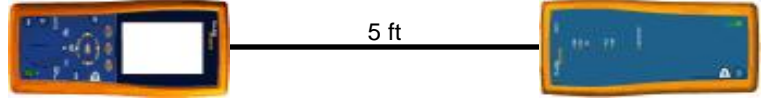
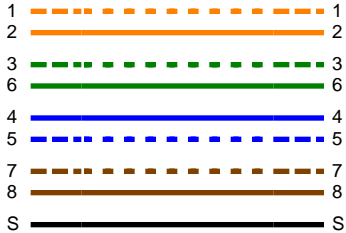
Date / Time: 05/23/2012 10:05:09am
 Headroom: 5.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

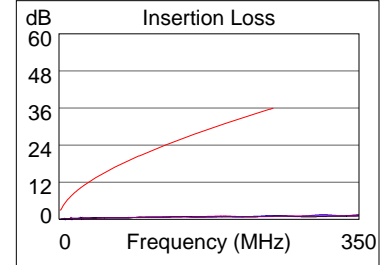
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

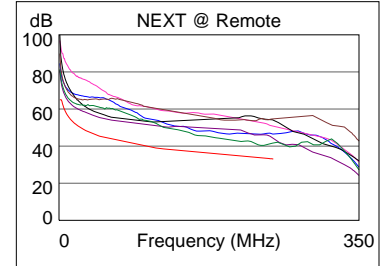
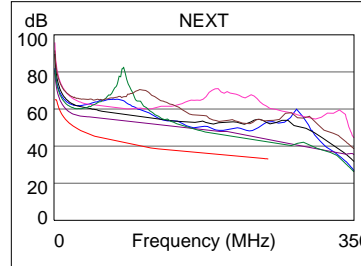
PASS



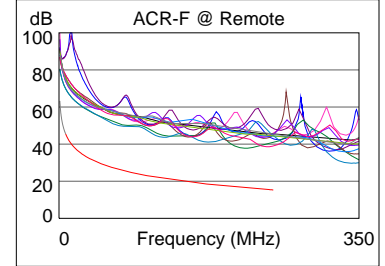
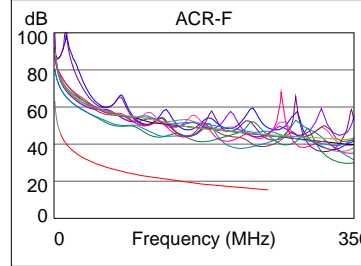
Length (ft), Limit 328	[Pair 36]	5
Prop. Delay (ns), Limit 555		10
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 12]	34.7
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



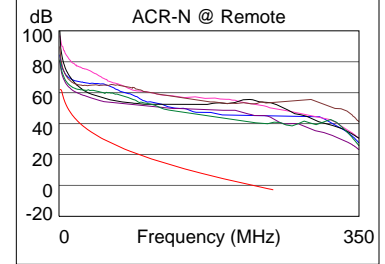
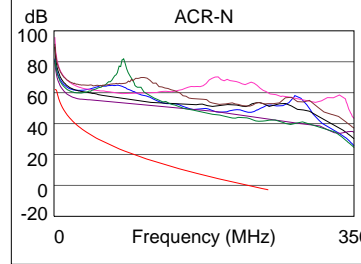
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-78	36-78	36-78
NEXT (dB)	5.6	6.8	8.9	6.8
Freq. (MHz)	9.8	235.0	238.5	236.5
Limit (dB)	56.8	33.6	33.5	33.5
Worst Pair	36	36	36	36
PS NEXT (dB)	5.4	7.4	9.6	7.9
Freq. (MHz)	6.8	3.3	233.5	236.5
Limit (dB)	56.8	62.0	30.7	30.6



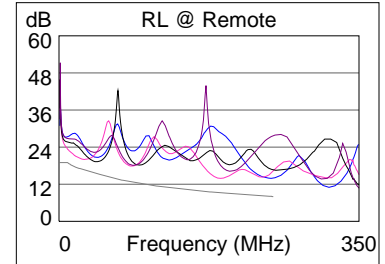
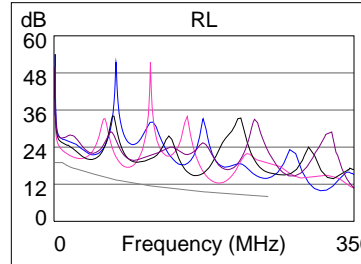
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	21.1	21.2	21.1	21.2
Freq. (MHz)	213.5	213.5	217.0	217.0
Limit (dB)	16.7	16.7	16.5	16.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.6	22.6	22.8	24.4
Freq. (MHz)	205.5	158.5	214.5	250.0
Limit (dB)	14.0	16.3	13.6	12.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	9.5	11.4	43.0	40.7
Freq. (MHz)	3.3	3.1	238.5	236.5
Limit (dB)	60.9	61.2	-1.5	-1.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	9.3	11.0	43.2	41.8
Freq. (MHz)	3.3	3.3	233.5	236.5
Limit (dB)	58.4	58.4	-3.8	-4.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36	36	36	12
RL (dB)	3.1	3.3	3.1	5.8
Freq. (MHz)	192.0	23.1	192.0	244.5
Limit (dB)	9.2	17.2	9.2	8.1



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: JL-12155-PP6-1M/B-01

Test Summary: PASS

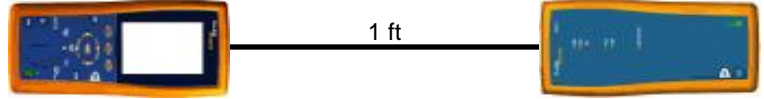
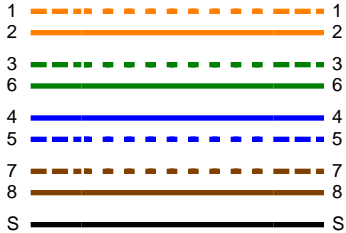
Date / Time: 05/23/2012 10:11:54am
 Headroom: 21.7 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

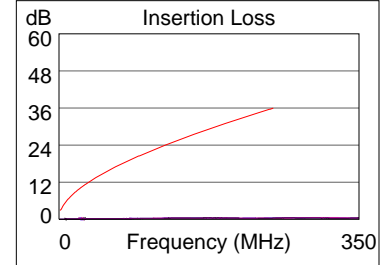
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

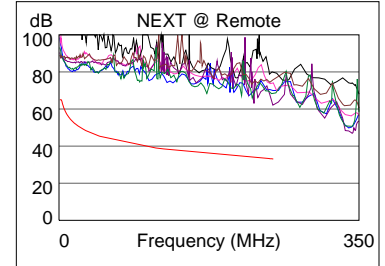
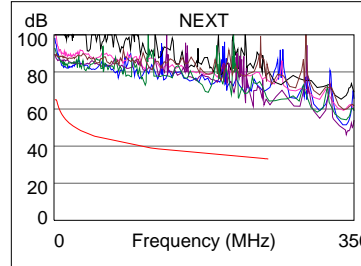
PASS



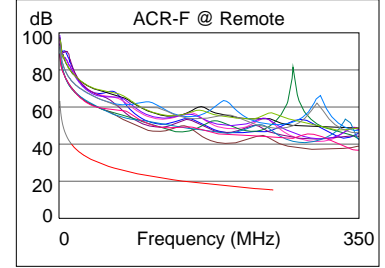
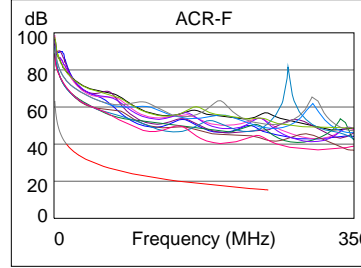
Length (ft), Limit 328	[Pair 36]	1
Prop. Delay (ns), Limit 555		5
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 36]	8.3
Insertion Loss Margin (dB)	[Pair 36]	30.7
Frequency (MHz)	[Pair 36]	196.0
Limit (dB)	[Pair 36]	31.2



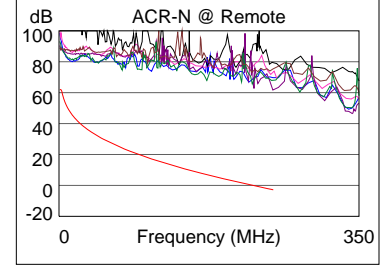
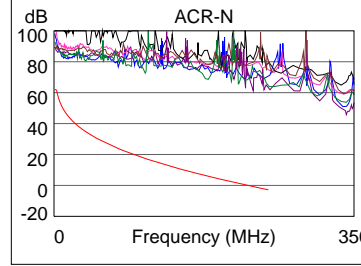
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	21.7	22.2	27.2	29.0
Freq. (MHz)	3.1	3.0	249.5	249.5
Limit (dB)	64.8	65.0	33.1	33.1
Worst Pair	36	36	36	36
PS NEXT (dB)	22.2	22.0	28.7	30.5
Freq. (MHz)	3.1	3.0	249.5	249.5
Limit (dB)	62.0	62.0	30.2	30.2



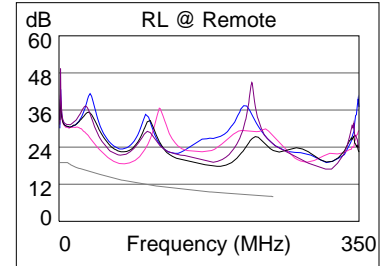
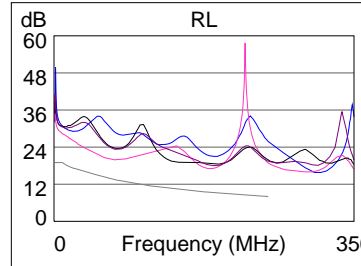
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	22.8	22.7	22.8	22.8
Freq. (MHz)	188.0	188.0	193.5	193.5
Limit (dB)	17.8	17.8	17.5	17.5
Worst Pair	36	78	36	36
PS ACR-F (dB)	24.2	25.7	24.5	27.6
Freq. (MHz)	111.0	188.0	193.5	250.0
Limit (dB)	19.4	14.8	14.5	12.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	25.3	25.5	62.7	64.5
Freq. (MHz)	3.1	2.5	249.5	249.5
Limit (dB)	61.2	61.8	-2.8	-2.8
Worst Pair	45	36	36	36
PS ACR-N (dB)	25.7	25.5	64.3	66.1
Freq. (MHz)	2.6	3.0	249.5	249.5
Limit (dB)	58.7	58.5	-5.7	-5.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36	36	36	45
RL (dB)	6.2	5.1	7.6	8.3
Freq. (MHz)	58.0	69.8	178.0	183.0
Limit (dB)	14.4	13.6	9.5	9.4



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: JL-12155-PP6-3M/BK-01

Test Summary: PASS

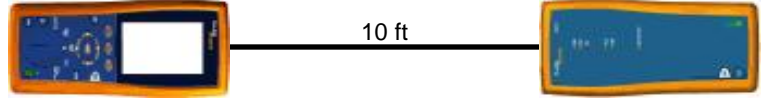
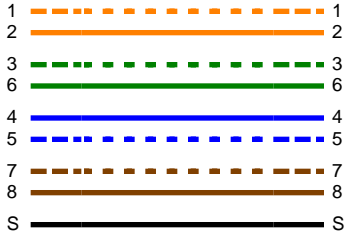
Date / Time: 05/23/2012 10:13:50am
 Headroom: 5.0 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

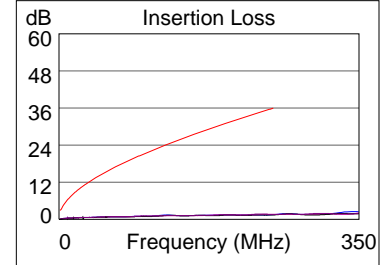
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

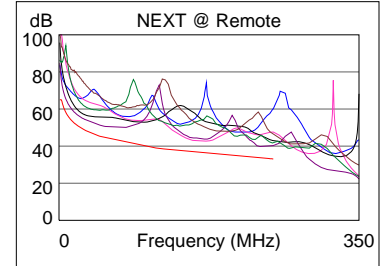
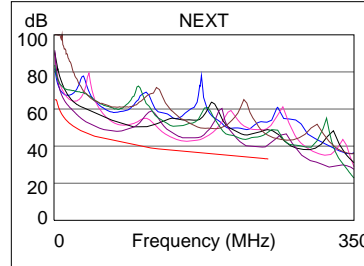
PASS



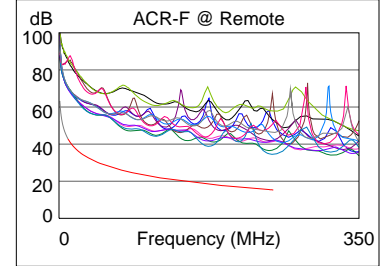
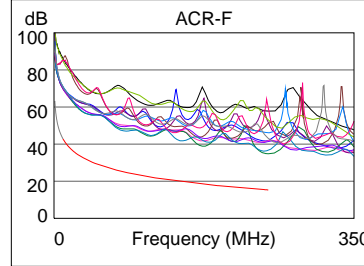
Length (ft), Limit 328	[Pair 36]	10
Prop. Delay (ns), Limit 555		15
Delay Skew (ns), Limit 50		1
Resistance (ohms)	[Pair 45]	2.9
Insertion Loss Margin (dB)	[Pair 36]	34.2
Frequency (MHz)	[Pair 36]	249.5
Limit (dB)	[Pair 36]	35.9



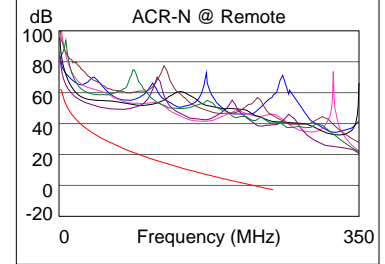
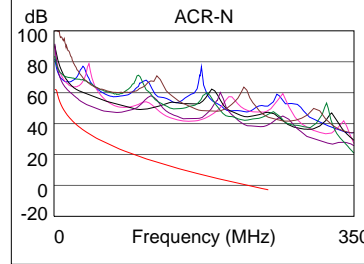
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.0	5.6	5.9	6.2
Freq. (MHz)	52.5	23.9	239.0	233.5
Limit (dB)	44.7	50.4	33.5	33.6
Worst Pair	45	45	36	36
PS NEXT (dB)	6.3	6.6	7.0	7.8
Freq. (MHz)	149.5	168.0	223.0	247.0
Limit (dB)	34.1	33.2	31.0	30.2



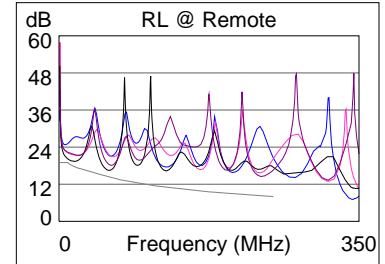
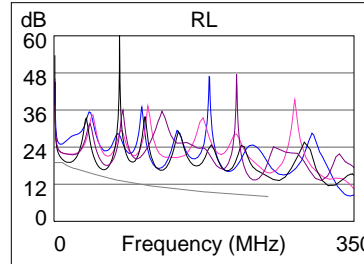
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	19.4	19.1	19.4	19.1
Freq. (MHz)	248.0	248.0	248.0	248.0
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	45	45	45	36
PS ACR-F (dB)	21.2	22.1	21.2	22.2
Freq. (MHz)	248.0	244.5	249.0	248.0
Limit (dB)	12.4	12.5	12.3	12.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	14.2	12.4	39.5	39.3
Freq. (MHz)	3.0	5.1	239.0	233.5
Limit (dB)	61.5	56.8	-1.5	-0.9
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.9	13.7	39.2	41.7
Freq. (MHz)	3.3	3.4	223.0	247.0
Limit (dB)	58.4	58.0	-2.6	-5.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45	45	78	78
RL (dB)	0.9	1.2	5.0	6.2
Freq. (MHz)	11.1	11.1	233.5	235.5
Limit (dB)	18.8	18.8	8.3	8.3



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: JL-12155-PP6-2M/G-01

Test Summary: PASS

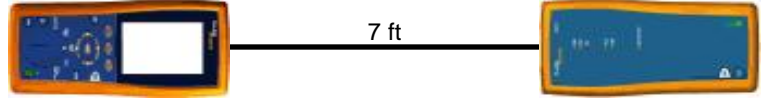
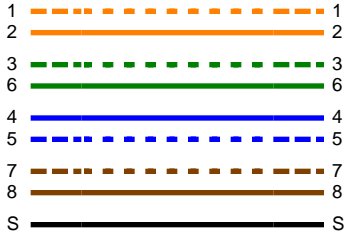
Date / Time: 05/23/2012 10:16:18am
 Headroom: 7.3 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

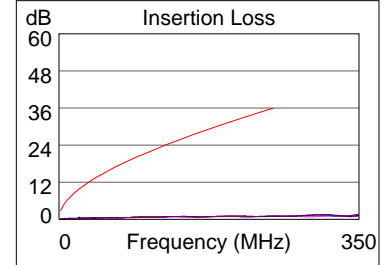
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

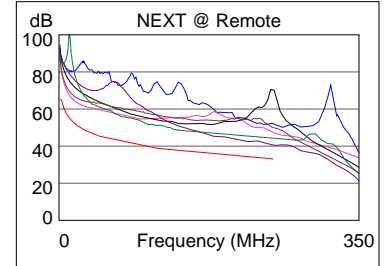
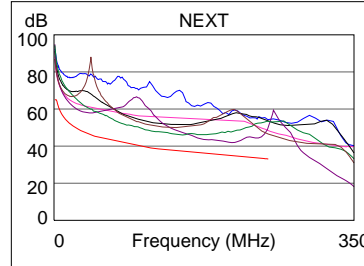
PASS



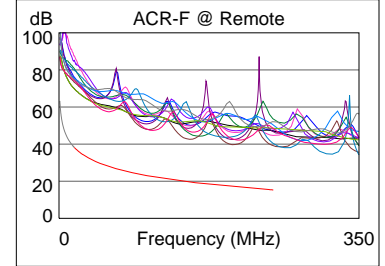
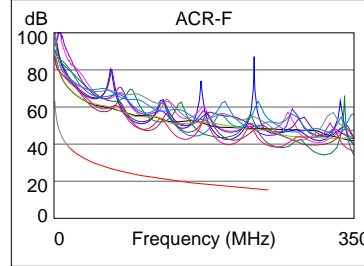
Length (ft), Limit 328	[Pair 12]	7
Prop. Delay (ns), Limit 555		10
Delay Skew (ns), Limit 50		0
Resistance (ohms)	[Pair 45]	1.5
Insertion Loss Margin (dB)	[Pair 45]	32.1
Frequency (MHz)	[Pair 45]	218.0
Limit (dB)	[Pair 45]	33.2



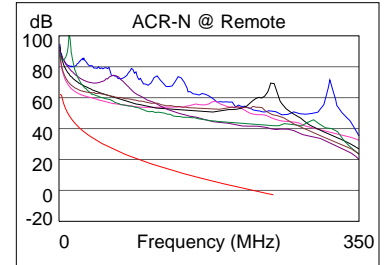
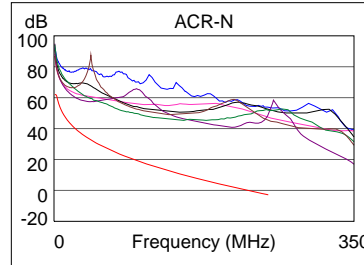
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.3	7.6	7.4	7.6
Freq. (MHz)	205.0	248.0	210.0	249.0
Limit (dB)	34.6	33.2	34.4	33.1
Worst Pair	36	36	36	36
PS NEXT (dB)	8.7	8.2	9.1	8.2
Freq. (MHz)	170.0	250.0	205.0	250.0
Limit (dB)	33.1	30.2	31.7	30.2



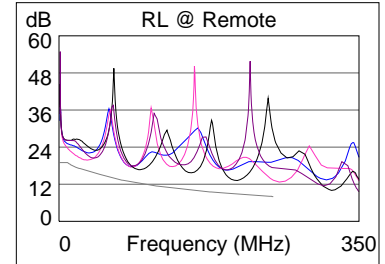
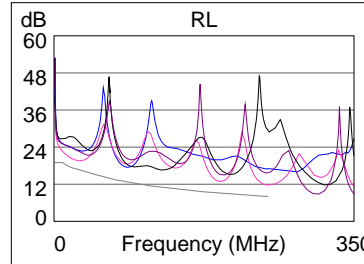
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	22.7	22.6	23.9	23.8
Freq. (MHz)	200.5	200.5	250.0	250.0
Limit (dB)	17.2	17.2	15.3	15.3
Worst Pair	36	78	36	78
PS ACR-F (dB)	23.5	25.2	23.6	26.0
Freq. (MHz)	153.0	149.5	203.0	249.5
Limit (dB)	16.6	16.8	14.1	12.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	12-45	36-45	36-45
ACR-N (dB)	16.9	17.8	38.7	42.4
Freq. (MHz)	3.4	3.3	210.0	249.0
Limit (dB)	60.5	60.9	2.0	-2.7
Worst Pair	45	45	36	36
PS ACR-N (dB)	15.3	17.5	40.2	43.2
Freq. (MHz)	3.3	3.3	205.0	250.0
Limit (dB)	58.4	58.4	-0.3	-5.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36	36	36	45
RL (dB)	2.8	3.2	3.7	4.3
Freq. (MHz)	21.4	27.9	247.0	205.0
Limit (dB)	17.4	16.8	8.1	8.9



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: JL-12155-PP6-1M/BK-01

Test Summary: PASS

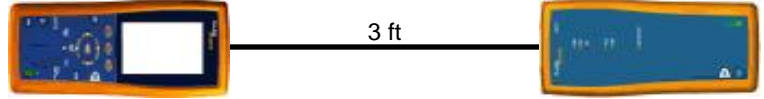
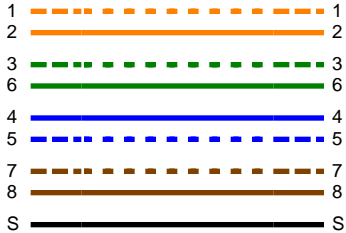
Date / Time: 05/23/2012 10:19:31am
 Headroom: 25.4 dB (NEXT 12-36)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 FTP

Operator: HENTEK
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 70.0%

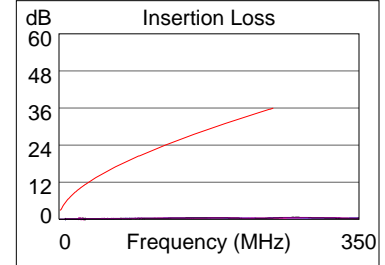
Model: DTX-1200
 Main S/N: 9349007
 Remote S/N: 9349008
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

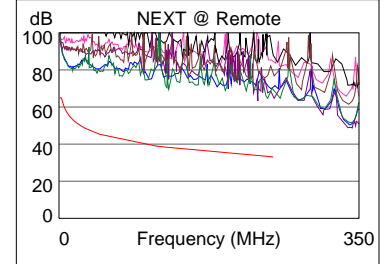
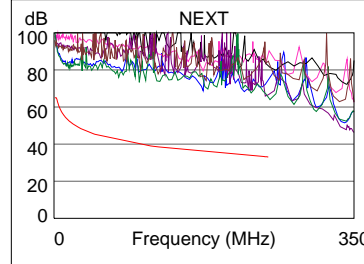
PASS



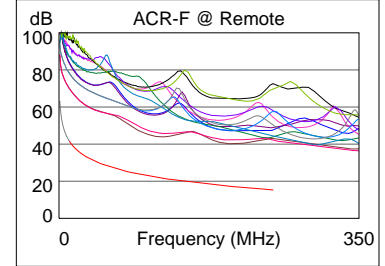
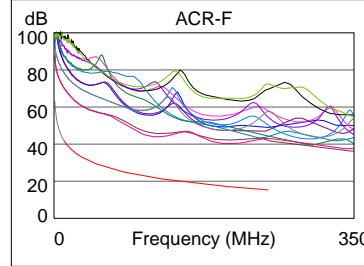
Length (ft), Limit 328	[Pair 12]	3
Prop. Delay (ns), Limit 555		5
Delay Skew (ns), Limit 50		0
Resistance (ohms)	[Pair 12]	0.7
Insertion Loss Margin (dB)	[Pair 36]	33.4
Frequency (MHz)	[Pair 36]	226.0
Limit (dB)	[Pair 36]	33.9



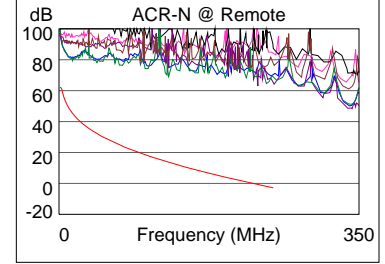
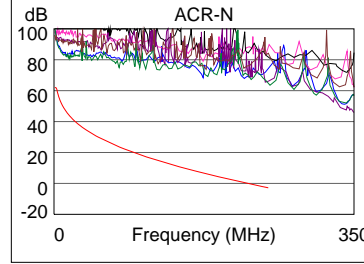
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	12-36	36-45	36-45
NEXT (dB)	26.5	25.4	31.5	29.3
Freq. (MHz)	3.3	3.8	232.5	250.0
Limit (dB)	64.5	63.5	33.7	33.1
Worst Pair	36	36	36	36
PS NEXT (dB)	25.8	24.7	32.4	30.8
Freq. (MHz)	3.9	3.8	250.0	250.0
Limit (dB)	60.8	61.0	30.2	30.2



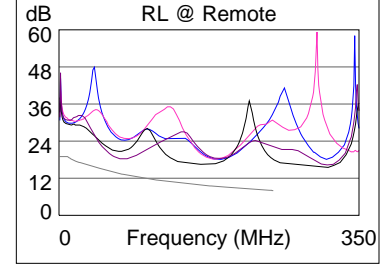
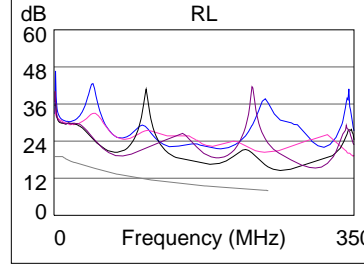
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	22.0	22.0	22.9	22.9
Freq. (MHz)	111.0	108.0	200.5	198.5
Limit (dB)	22.4	22.6	17.2	17.3
Worst Pair	36	78	36	36
PS ACR-F (dB)	24.7	24.8	24.8	27.0
Freq. (MHz)	111.0	111.0	206.5	250.0
Limit (dB)	19.4	19.4	14.0	12.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-78	36-45
ACR-N (dB)	30.1	28.8	67.6	64.7
Freq. (MHz)	3.3	2.5	250.0	250.0
Limit (dB)	60.9	61.8	-2.8	-2.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.7	28.6	68.1	66.5
Freq. (MHz)	3.0	3.8	250.0	250.0
Limit (dB)	58.5	57.1	-5.8	-5.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	78	78	45	45
RL (dB)	5.9	4.8	7.7	6.7
Freq. (MHz)	69.8	69.5	249.5	168.5
Limit (dB)	13.6	13.6	8.0	9.7



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