



### Cable ID: COMCABLES 550 01

### Test Summary: PASS

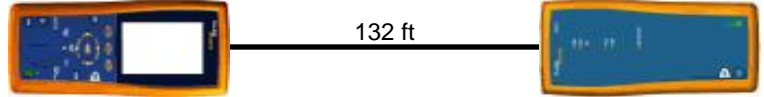
Date / Time: 10/29/2010 02:27:31pm  
**Headroom: 5.7 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

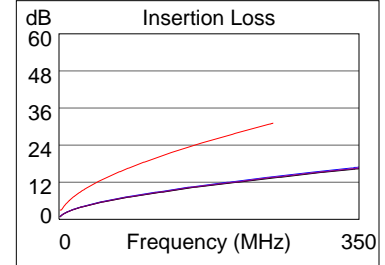
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

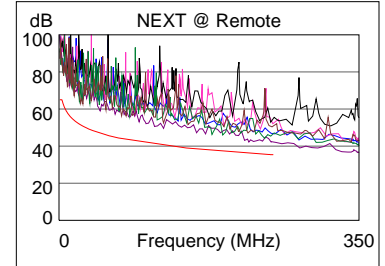
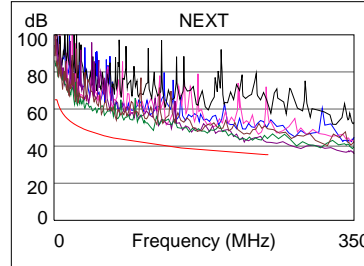
**PASS**



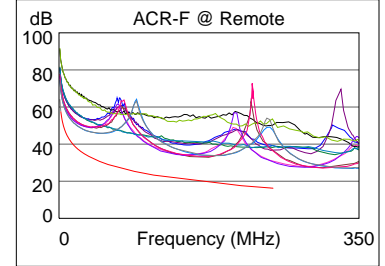
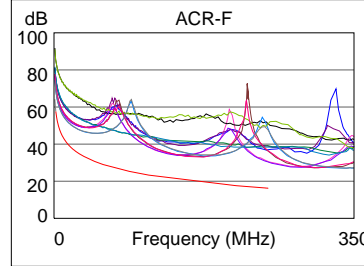
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		203
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 12]	17.4
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



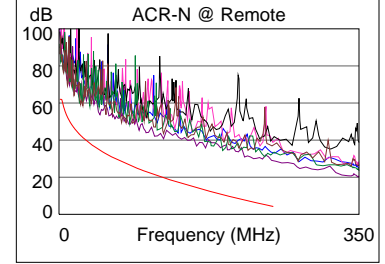
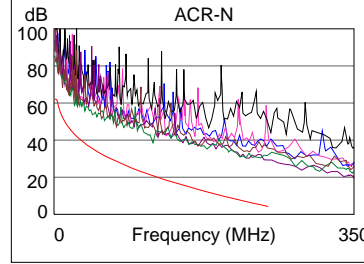
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.0	5.7	6.7	5.7
Freq. (MHz)	222.0	222.0	248.0	222.0
Limit (dB)	36.2	36.2	35.4	36.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.0	6.8	6.0	6.8
Freq. (MHz)	224.5	247.5	224.5	247.5
Limit (dB)	33.5	32.8	33.5	32.8



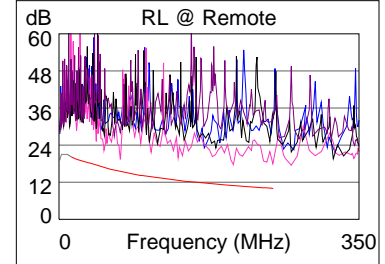
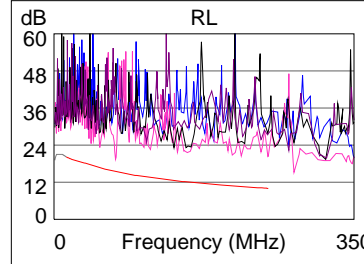
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-78	45-78	12-45	45-12
<b>ACR-F (dB)</b>	11.0	11.0	14.3	13.9
Freq. (MHz)	2.4	2.4	250.0	250.0
Limit (dB)	56.7	56.7	16.2	16.2
Worst Pair	45	45	12	12
<b>PS ACR-F (dB)</b>	11.1	11.2	16.6	16.4
Freq. (MHz)	2.4	2.3	249.0	250.0
Limit (dB)	53.7	54.1	13.3	13.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-78	45-78	36-45	36-45
<b>ACR-N (dB)</b>	15.5	16.4	24.4	24.4
Freq. (MHz)	24.1	25.0	248.0	247.5
Limit (dB)	43.1	42.7	4.4	4.5
Worst Pair	78	45	36	36
<b>PS ACR-N (dB)</b>	16.3	16.4	24.4	24.3
Freq. (MHz)	24.5	17.5	250.0	247.5
Limit (dB)	40.5	44.2	1.6	1.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	4.0	4.0	4.0	6.6
Freq. (MHz)	71.8	71.5	71.8	203.0
Limit (dB)	15.4	15.5	15.4	10.9



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: COMCABLES 550 02

# Test Summary: PASS

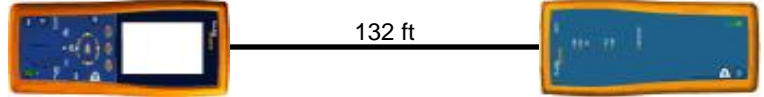
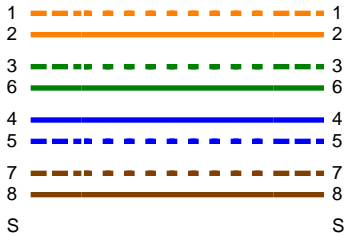
Date / Time: 10/29/2010 02:27:56pm  
**Headroom: 3.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

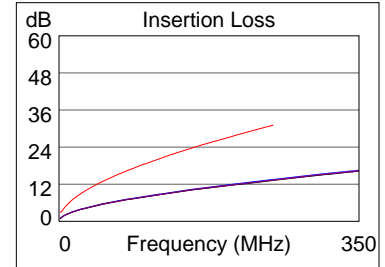
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

### Wire Map (T568B)

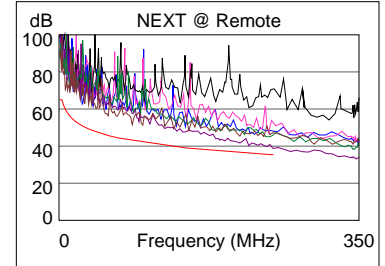
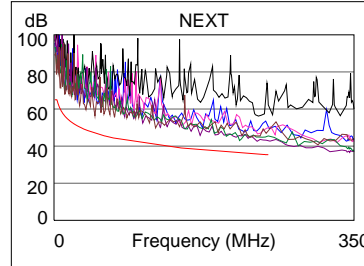
**PASS**



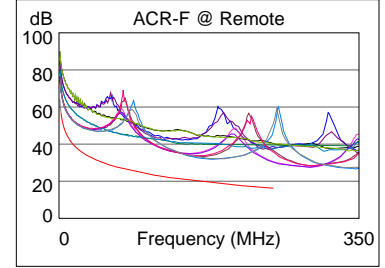
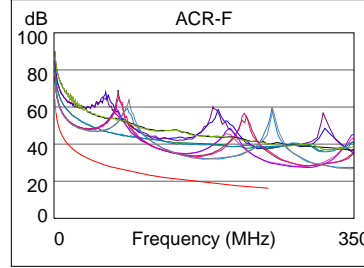
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		204
Delay Skew (ns), Limit 44		9
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 12]	17.6
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



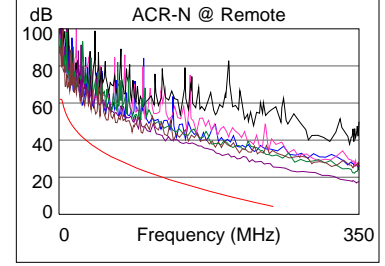
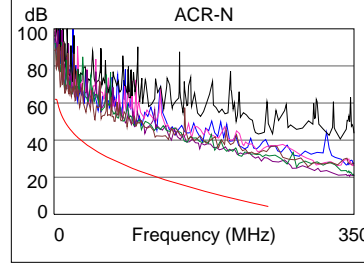
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.0	3.4	6.0	3.4
Freq. (MHz)	242.0	249.5	242.0	250.0
Limit (dB)	35.6	35.4	35.6	35.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.4	4.7	6.4	4.7
Freq. (MHz)	234.5	249.5	234.5	249.5
Limit (dB)	33.2	32.7	33.2	32.7



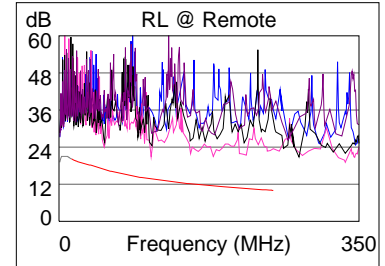
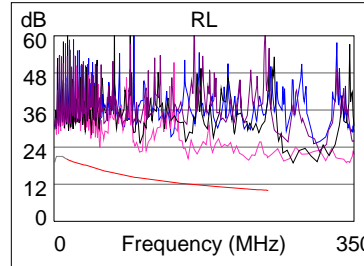
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-45	45-12	45-12	45-12
<b>ACR-F (dB)</b>	11.8	11.7	14.1	14.2
Freq. (MHz)	2.9	3.3	249.5	250.0
Limit (dB)	55.0	54.0	16.2	16.2
Worst Pair	45	45	12	78
<b>PS ACR-F (dB)</b>	11.2	11.3	16.1	13.0
Freq. (MHz)	2.9	2.1	249.5	173.5
Limit (dB)	52.0	54.6	13.2	16.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	45-78	36-45	36-45
<b>ACR-N (dB)</b>	13.2	13.0	23.7	21.3
Freq. (MHz)	7.5	7.5	242.0	250.0
Limit (dB)	55.0	55.0	5.0	4.2
Worst Pair	78	78	36	36
<b>PS ACR-N (dB)</b>	14.9	14.7	24.2	22.4
Freq. (MHz)	7.5	7.5	242.0	249.5
Limit (dB)	52.7	52.7	2.4	1.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	7.1	5.6	9.4	10.2
Freq. (MHz)	53.5	53.5	227.0	244.0
Limit (dB)	16.7	16.7	10.4	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 550 03

**Test Summary: PASS**

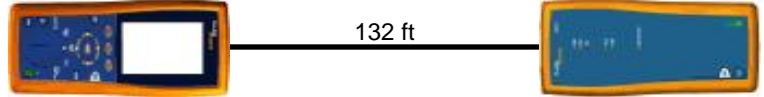
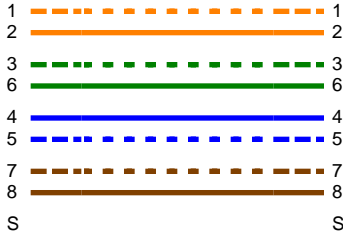
Date / Time: 10/29/2010 02:28:12pm  
**Headroom: 5.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

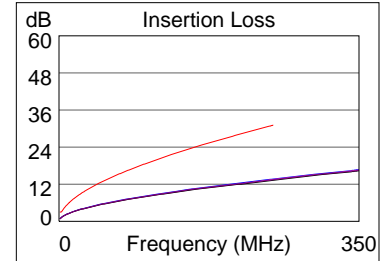
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

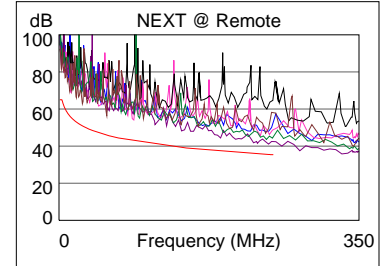
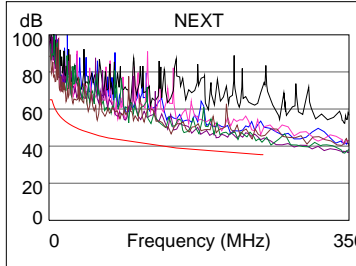
**PASS**



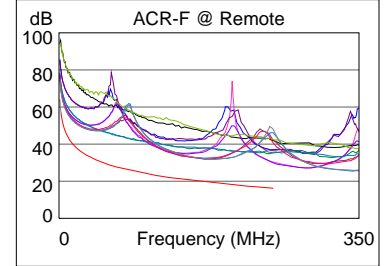
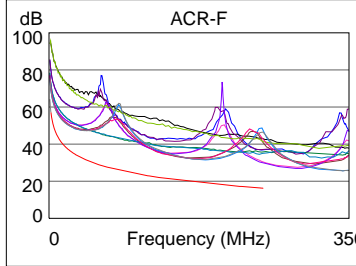
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		202
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 12]	17.4
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



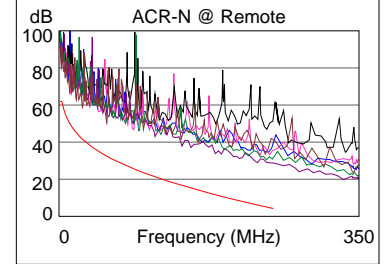
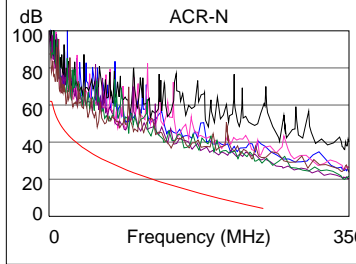
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	36-45	36-78	36-45
<b>NEXT (dB)</b>	6.6	5.6	6.7	5.6
Freq. (MHz)	240.5	231.5	248.5	244.5
Limit (dB)	35.6	35.9	35.4	35.5
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.8	6.1	6.8	6.1
Freq. (MHz)	248.0	241.0	248.5	241.0
Limit (dB)	32.8	33.0	32.7	33.0



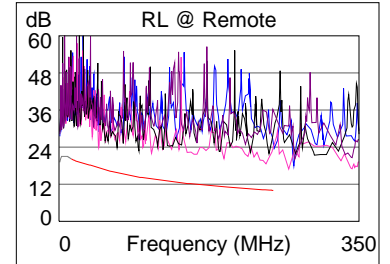
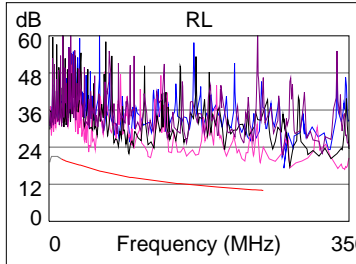
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-78	45-78	45-12	45-12
<b>ACR-F (dB)</b>	11.6	11.7	13.6	13.6
Freq. (MHz)	2.4	2.4	250.0	250.0
Limit (dB)	56.7	56.7	16.2	16.2
Worst Pair	45	45	12	45
<b>PS ACR-F (dB)</b>	11.4	11.3	15.6	15.3
Freq. (MHz)	2.9	2.4	250.0	250.0
Limit (dB)	52.0	53.7	13.2	13.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	12-45	36-78	36-45
<b>ACR-N (dB)</b>	15.3	16.8	24.3	23.2
Freq. (MHz)	20.0	13.8	248.5	244.5
Limit (dB)	45.2	49.1	4.4	4.8
Worst Pair	78	45	36	36
<b>PS ACR-N (dB)</b>	16.7	17.1	24.3	23.4
Freq. (MHz)	19.9	12.8	248.5	241.5
Limit (dB)	42.8	47.5	1.8	2.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	5.1	6.5	8.6	8.4
Freq. (MHz)	46.3	46.3	228.0	241.5
Limit (dB)	17.3	17.3	10.4	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 550 04

# Test Summary: PASS

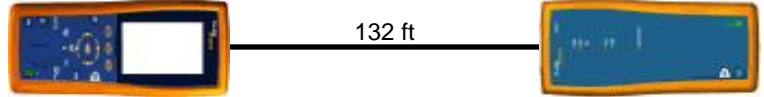
Date / Time: 10/29/2010 02:28:29pm  
**Headroom: 4.6 dB (NEXT 12-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

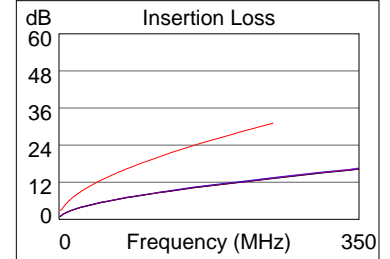
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

### Wire Map (T568B)

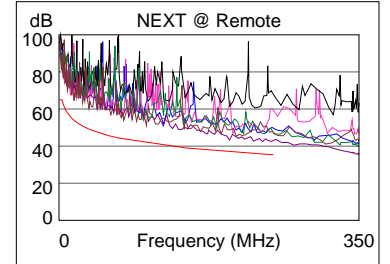
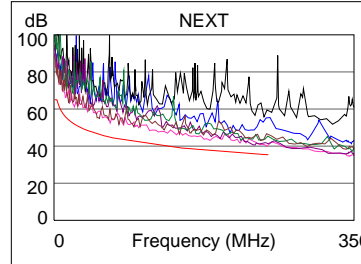
**PASS**



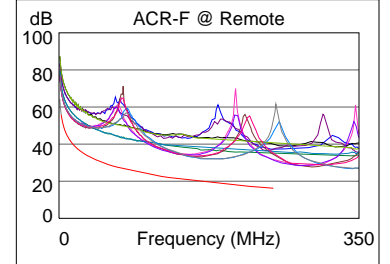
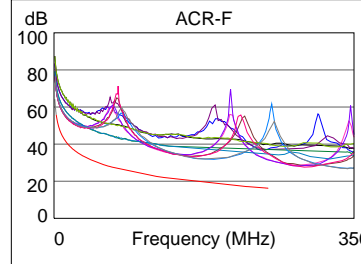
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		203
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 12]	17.7
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



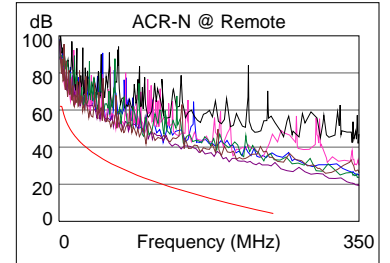
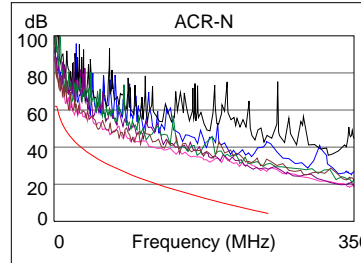
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-45	36-45	12-45	36-45
<b>NEXT (dB)</b>	4.6	6.3	4.6	6.3
Freq. (MHz)	248.0	199.0	248.0	242.5
Limit (dB)	35.4	37.0	35.4	35.6
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	3.6	7.0	3.6	7.0
Freq. (MHz)	240.5	235.0	240.5	235.0
Limit (dB)	33.0	33.2	33.0	33.2



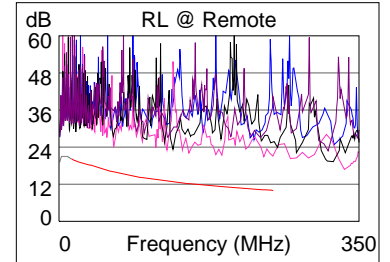
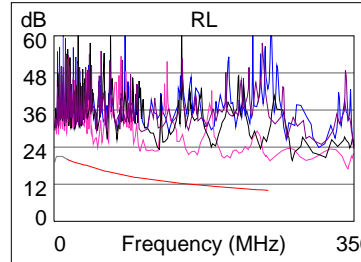
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-78	45-78	45-12	45-12
<b>ACR-F (dB)</b>	12.3	12.3	15.2	15.1
Freq. (MHz)	168.5	165.5	250.0	250.0
Limit (dB)	19.7	19.8	16.2	16.2
Worst Pair	45	45	78	78
<b>PS ACR-F (dB)</b>	12.1	12.1	13.0	12.6
Freq. (MHz)	2.4	2.4	172.0	165.0
Limit (dB)	53.7	53.7	16.5	16.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	45-78	12-45	36-45
<b>ACR-N (dB)</b>	13.0	14.6	22.5	24.0
Freq. (MHz)	17.3	17.4	248.0	242.5
Limit (dB)	46.8	46.7	4.4	5.0
Worst Pair	45	45	45	36
<b>PS ACR-N (dB)</b>	14.4	15.6	21.1	24.9
Freq. (MHz)	17.1	9.9	240.5	242.5
Limit (dB)	44.5	50.1	2.6	2.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	6.4	8.2	9.2	10.1
Freq. (MHz)	48.3	63.8	198.0	247.0
Limit (dB)	17.2	16.0	11.0	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 550 05

### Test Summary: PASS

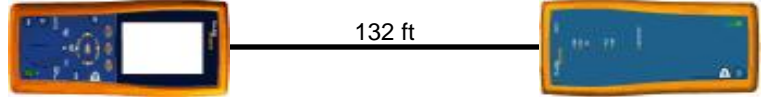
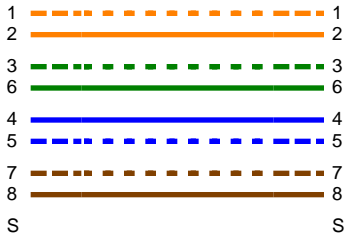
Date / Time: 10/29/2010 02:28:46pm  
**Headroom: 3.8 dB (NEXT 45-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

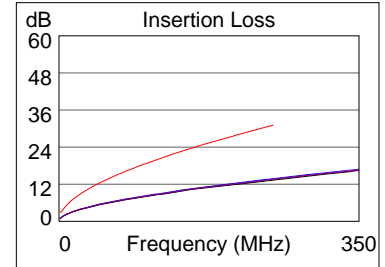
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

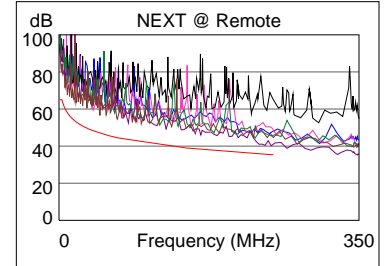
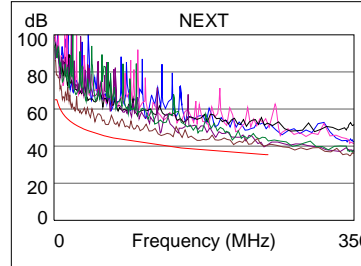
**PASS**



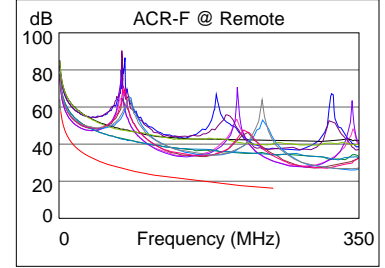
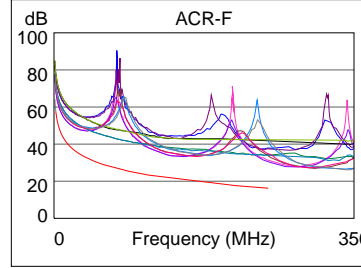
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		204
Delay Skew (ns), Limit 44		9
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 12]	17.3
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



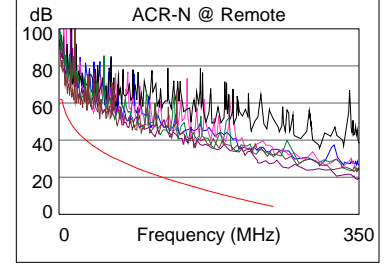
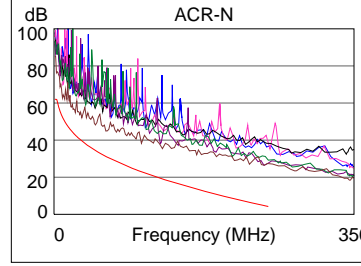
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-78	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.8	4.5	4.1	4.7
Freq. (MHz)	228.0	232.5	245.0	248.0
Limit (dB)	36.0	35.9	35.5	35.4
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	3.8	5.7	3.8	5.8
Freq. (MHz)	245.0	240.0	245.0	248.0
Limit (dB)	32.9	33.0	32.9	32.8



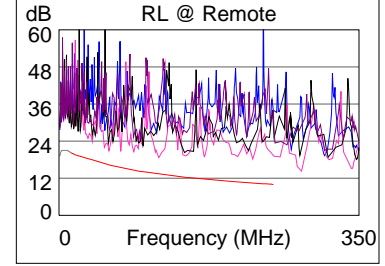
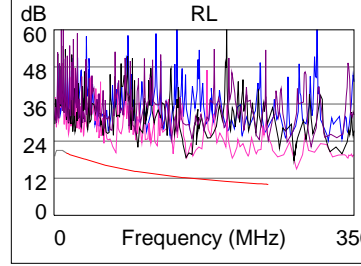
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-12	45-12	45-12	45-12
<b>ACR-F (dB)</b>	10.8	10.8	14.2	14.5
Freq. (MHz)	3.3	2.6	250.0	250.0
Limit (dB)	54.0	55.8	16.2	16.2
Worst Pair	45	45	12	45
<b>PS ACR-F (dB)</b>	10.8	10.8	16.0	15.5
Freq. (MHz)	2.4	2.1	250.0	250.0
Limit (dB)	53.7	54.6	13.2	13.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	45-78	36-45	36-45
<b>ACR-N (dB)</b>	10.3	12.5	21.7	22.4
Freq. (MHz)	9.8	9.6	245.0	248.0
Limit (dB)	52.5	52.7	4.7	4.4
Worst Pair	45	45	45	36
<b>PS ACR-N (dB)</b>	12.0	13.9	21.4	23.4
Freq. (MHz)	9.9	9.9	245.0	248.0
Limit (dB)	50.1	50.1	2.1	1.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	4.7	4.4	6.4	7.7
Freq. (MHz)	71.8	55.5	154.5	226.0
Limit (dB)	15.4	16.6	12.1	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 550 06

# Test Summary: PASS

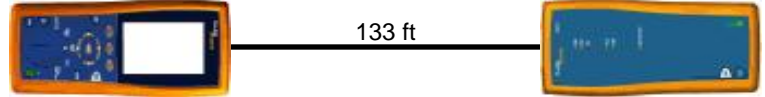
Date / Time: 10/29/2010 02:29:03pm  
**Headroom: 4.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

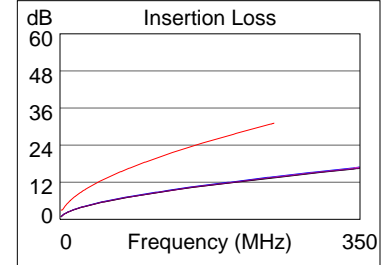
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

### Wire Map (T568B)

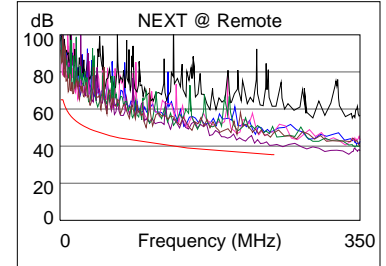
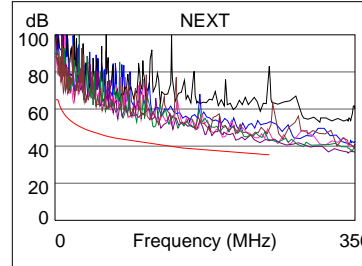
**PASS**



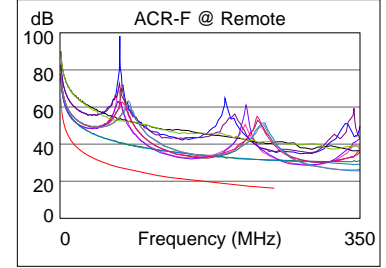
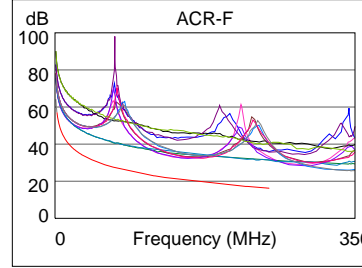
Length (ft), Limit 295	[Pair 36]	133
Prop. Delay (ns), Limit 498		204
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 12]	17.3
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



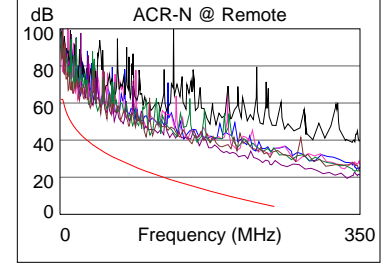
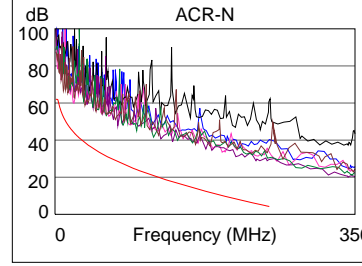
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.9	4.6	4.9	4.6
Freq. (MHz)	237.0	247.0	237.0	247.0
Limit (dB)	35.7	35.4	35.7	35.4
Worst Pair	45	45	45	45
<b>PS NEXT (dB)</b>	5.4	4.8	5.4	4.8
Freq. (MHz)	237.0	244.5	237.0	244.5
Limit (dB)	33.1	32.9	33.1	32.9



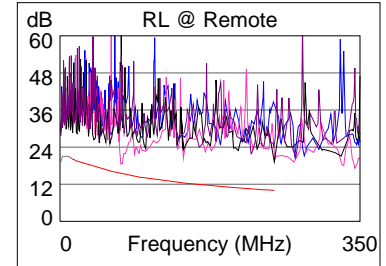
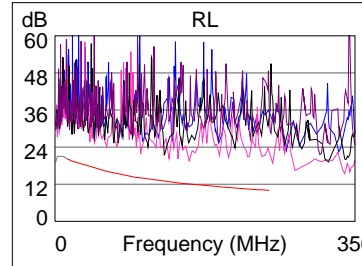
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-12	45-12	36-45	45-36
<b>ACR-F (dB)</b>	11.4	11.3	14.2	14.1
Freq. (MHz)	138.5	136.5	234.5	234.5
Limit (dB)	21.4	21.5	16.8	16.8
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	10.5	10.5	11.5	15.1
Freq. (MHz)	2.0	2.0	160.0	250.0
Limit (dB)	55.2	55.2	17.1	13.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	45-78	36-45	36-45
<b>ACR-N (dB)</b>	13.7	14.0	22.0	22.2
Freq. (MHz)	9.9	9.8	237.0	247.0
Limit (dB)	52.4	52.5	5.6	4.5
Worst Pair	45	78	45	45
<b>PS ACR-N (dB)</b>	15.3	15.7	22.6	22.3
Freq. (MHz)	9.9	9.8	237.0	245.0
Limit (dB)	50.1	50.2	2.9	2.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	7.3	2.1	9.4	2.1
Freq. (MHz)	133.5	71.8	243.5	71.8
Limit (dB)	12.7	15.4	10.1	15.4



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: COMCABLES 550 07

## Test Summary: PASS

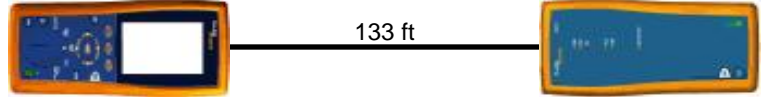
Date / Time: 10/29/2010 02:29:20pm  
**Headroom: 5.9 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

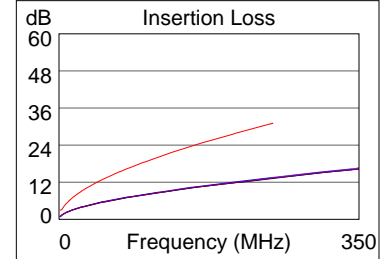
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

### Wire Map (T568B)

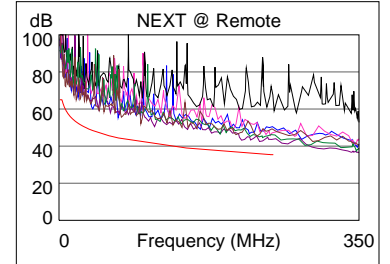
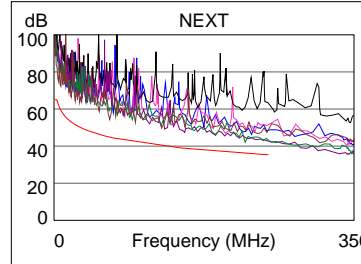
**PASS**



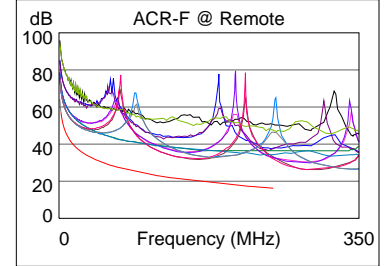
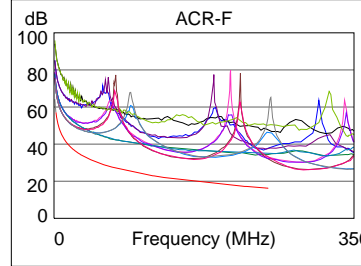
Length (ft), Limit 295	[Pair 36]	133
Prop. Delay (ns), Limit 498		204
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 78]	5.9
Insertion Loss Margin (dB)	[Pair 12]	17.6
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



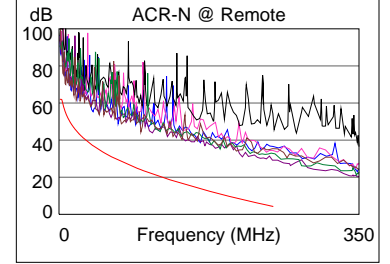
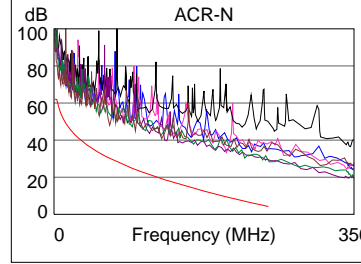
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.9	5.9	6.4	5.9
Freq. (MHz)	223.0	236.5	249.5	236.5
Limit (dB)	36.2	35.7	35.4	35.7
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	5.7	6.6	5.7	6.6
Freq. (MHz)	250.0	236.5	250.0	236.5
Limit (dB)	32.7	33.1	32.7	33.1



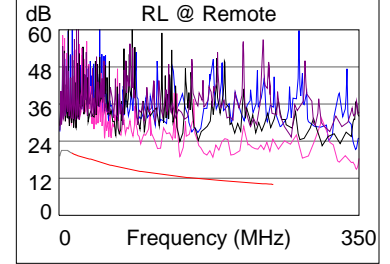
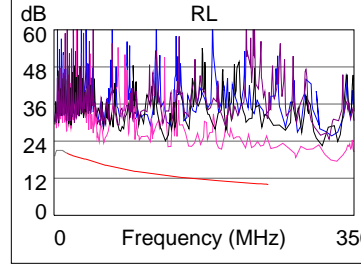
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-78	45-78	78-36	36-78
<b>ACR-F (dB)</b>	11.4	11.4	11.6	11.5
Freq. (MHz)	2.4	2.4	161.5	161.5
Limit (dB)	56.7	56.7	20.0	20.0
Worst Pair	45	45	78	36
<b>PS ACR-F (dB)</b>	11.4	11.4	12.7	16.1
Freq. (MHz)	2.4	2.4	164.0	250.0
Limit (dB)	53.7	53.7	16.9	13.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	45-78	36-45	36-45
<b>ACR-N (dB)</b>	14.1	14.4	24.3	23.2
Freq. (MHz)	4.9	7.5	249.5	236.5
Limit (dB)	58.9	55.0	4.3	5.6
Worst Pair	78	45	36	36
<b>PS ACR-N (dB)</b>	15.7	15.9	23.5	23.9
Freq. (MHz)	4.9	7.5	250.0	236.5
Limit (dB)	56.6	52.7	1.6	3.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	6.6	6.5	8.6	7.1
Freq. (MHz)	53.0	141.0	158.5	171.5
Limit (dB)	16.8	12.5	12.0	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: COMCABLES 550 08

**Test Summary: PASS**

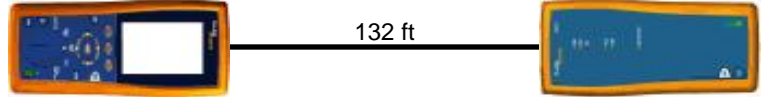
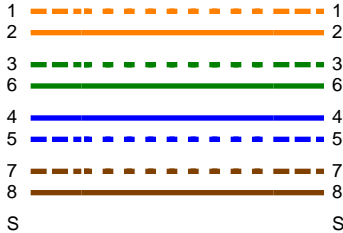
Date / Time: 10/29/2010 02:29:39pm  
**Headroom: 4.9 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

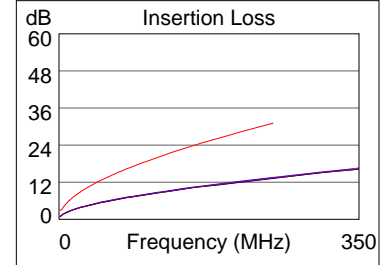
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

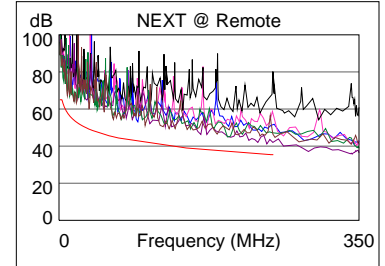
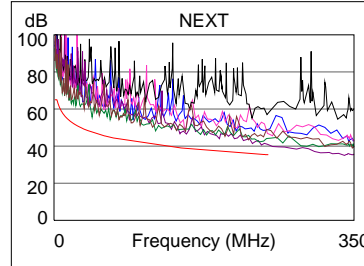
**PASS**



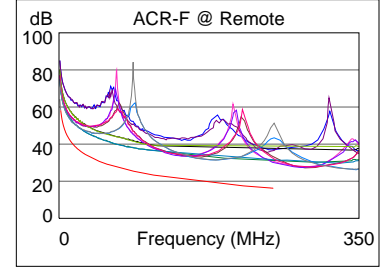
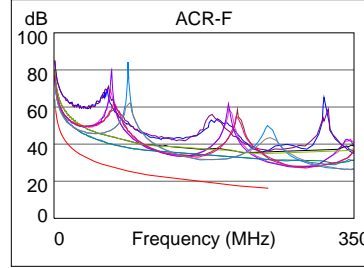
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		204
Delay Skew (ns), Limit 44		9
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 12]	17.6
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



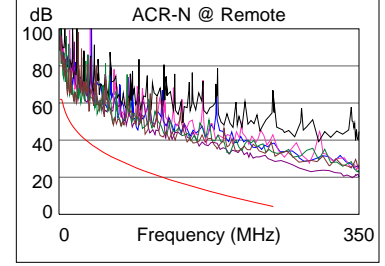
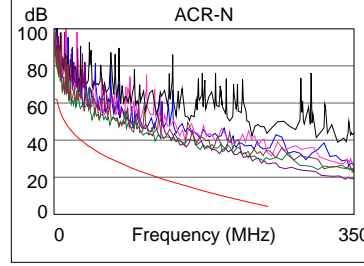
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.9	5.6	4.9	5.6
Freq. (MHz)	250.0	242.0	250.0	242.0
Limit (dB)	35.3	35.6	35.3	35.6
Worst Pair	36	45	36	45
<b>PS NEXT (dB)</b>	5.1	6.3	5.1	6.3
Freq. (MHz)	242.0	242.0	250.0	242.0
Limit (dB)	32.9	32.9	32.7	32.9



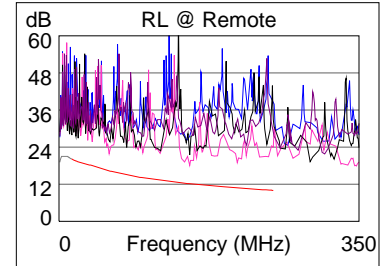
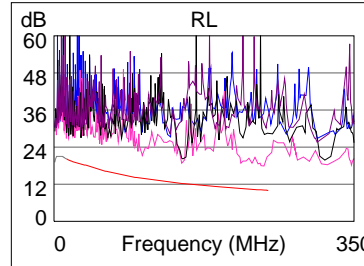
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78-45	45-78	45-12	45-12
<b>ACR-F (dB)</b>	10.6	10.6	14.0	13.9
Freq. (MHz)	2.0	2.4	250.0	249.0
Limit (dB)	58.2	56.7	16.2	16.3
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	9.5	9.6	14.6	14.2
Freq. (MHz)	2.4	1.8	250.0	250.0
Limit (dB)	53.7	56.3	13.2	13.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	45-78	36-45	36-45
<b>ACR-N (dB)</b>	13.3	12.2	22.8	23.2
Freq. (MHz)	9.9	9.8	250.0	242.0
Limit (dB)	52.4	52.5	4.2	5.0
Worst Pair	78	78	36	45
<b>PS ACR-N (dB)</b>	12.7	12.4	22.8	23.8
Freq. (MHz)	9.9	9.8	250.0	242.0
Limit (dB)	50.1	50.2	1.6	2.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	6.2	5.5	7.0	5.9
Freq. (MHz)	149.5	58.3	242.5	152.5
Limit (dB)	12.3	16.3	10.2	12.2



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 550 09

# Test Summary: PASS

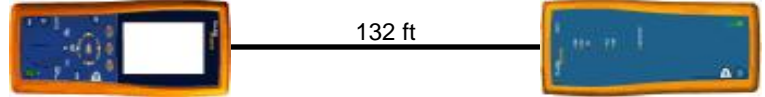
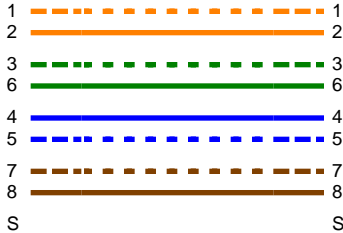
Date / Time: 10/29/2010 02:29:55pm  
**Headroom: 5.5 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

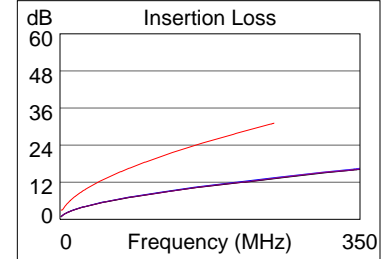
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

### Wire Map (T568B)

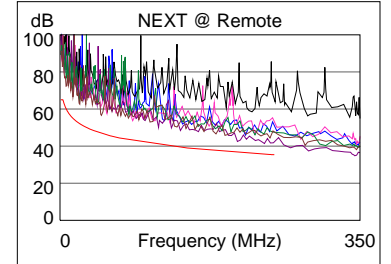
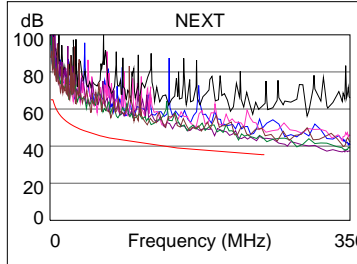
**PASS**



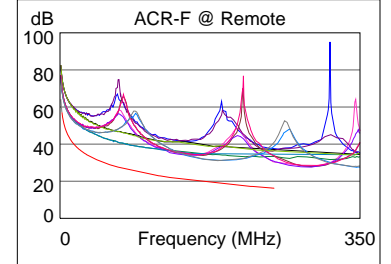
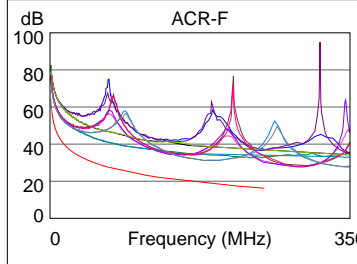
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		203
Delay Skew (ns), Limit 44		9
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 12]	17.7
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



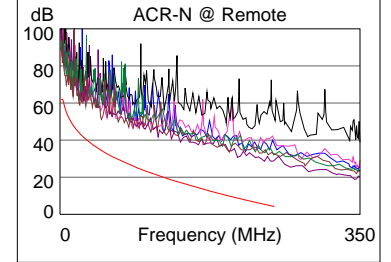
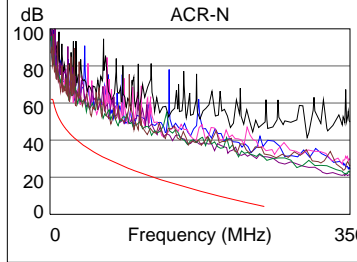
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	36-45	36-78	36-45
<b>NEXT (dB)</b>	7.1	5.5	7.5	5.5
Freq. (MHz)	220.0	246.0	250.0	246.0
Limit (dB)	36.2	35.5	35.3	35.5
Worst Pair	36	45	36	45
<b>PS NEXT (dB)</b>	6.4	6.7	6.4	6.8
Freq. (MHz)	235.0	235.5	235.0	246.0
Limit (dB)	33.2	33.1	33.2	32.8



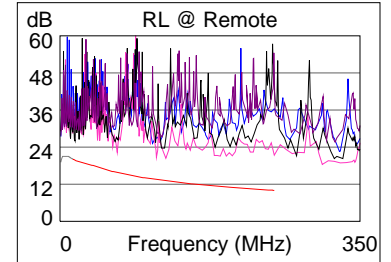
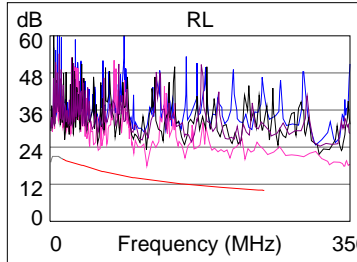
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-78	45-78	45-12	12-45
<b>ACR-F (dB)</b>	11.4	11.4	13.9	14.2
Freq. (MHz)	2.4	2.4	248.5	248.5
Limit (dB)	56.7	56.7	16.3	16.3
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	10.2	10.3	15.1	14.9
Freq. (MHz)	2.0	1.9	248.0	248.5
Limit (dB)	55.2	55.7	13.3	13.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	45-78	36-78	36-45
<b>ACR-N (dB)</b>	15.9	14.4	25.3	23.4
Freq. (MHz)	12.4	7.4	250.0	246.0
Limit (dB)	50.2	55.2	4.2	4.6
Worst Pair	45	78	36	36
<b>PS ACR-N (dB)</b>	15.7	15.1	23.8	24.6
Freq. (MHz)	12.5	22.6	235.0	246.0
Limit (dB)	47.7	41.4	3.1	2.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	45	36	36
<b>RL (dB)</b>	4.2	5.4	4.2	6.2
Freq. (MHz)	113.5	17.3	113.5	113.0
Limit (dB)	13.5	19.8	13.5	13.5



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 550 10

# Test Summary: PASS

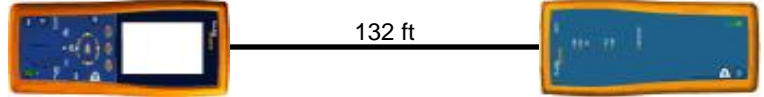
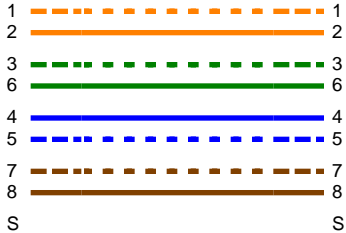
Date / Time: 10/29/2010 02:30:11pm  
**Headroom: 4.7 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

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

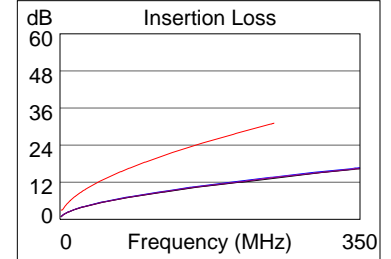
Model: DTX-1800  
 Main S/N: 8820041  
 Remote S/N: 8820042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

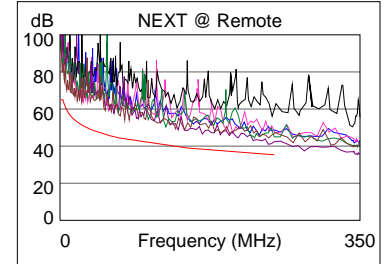
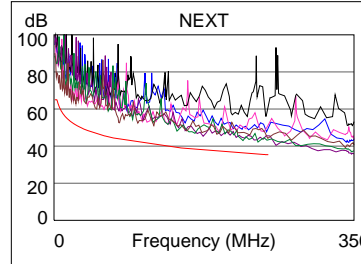
**PASS**



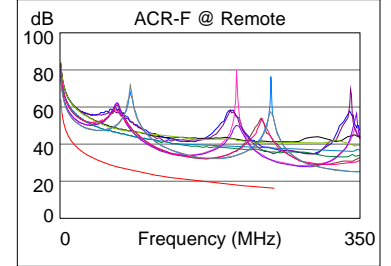
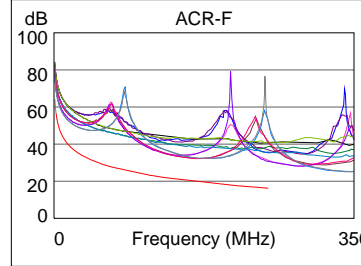
Length (ft), Limit 295	[Pair 36]	132
Prop. Delay (ns), Limit 498		202
Delay Skew (ns), Limit 44		8
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 12]	17.4
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



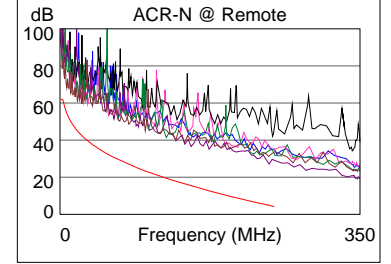
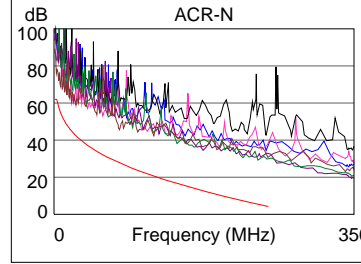
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	36-45	36-78	36-45
<b>NEXT (dB)</b>	5.7	4.7	5.7	4.7
Freq. (MHz)	219.5	244.0	219.5	244.0
Limit (dB)	36.3	35.5	36.3	35.5
Worst Pair	36	45	36	45
<b>PS NEXT (dB)</b>	6.0	5.2	6.4	5.2
Freq. (MHz)	219.5	244.0	238.0	244.0
Limit (dB)	33.6	32.9	33.1	32.9



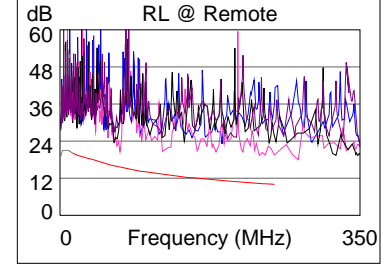
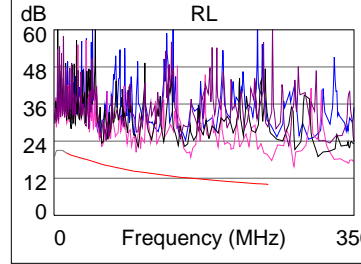
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-78	45-78	45-12	45-12
<b>ACR-F (dB)</b>	12.0	12.0	14.4	14.4
Freq. (MHz)	2.4	2.4	249.5	250.0
Limit (dB)	56.7	56.7	16.2	16.2
Worst Pair	45	45	78	78
<b>PS ACR-F (dB)</b>	11.6	11.7	12.3	12.3
Freq. (MHz)	2.4	2.3	170.5	167.5
Limit (dB)	53.7	54.1	16.6	16.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	45-78	36-78	36-45
<b>ACR-N (dB)</b>	13.0	13.3	23.7	22.3
Freq. (MHz)	7.6	7.6	238.5	244.0
Limit (dB)	54.8	54.8	5.4	4.8
Worst Pair	78	78	36	45
<b>PS ACR-N (dB)</b>	14.9	15.3	23.7	22.8
Freq. (MHz)	7.6	7.6	238.0	244.0
Limit (dB)	52.5	52.5	2.8	2.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	5.2	5.1	6.6	7.9
Freq. (MHz)	56.0	70.0	160.0	237.5
Limit (dB)	16.5	15.5	12.0	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