



# Cable ID: 110207-1383290

# Test Summary: PASS

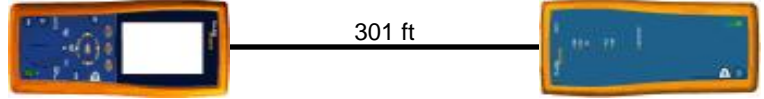
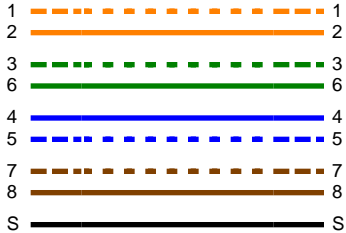
Date / Time: 02/09/2017 05:06:06pm  
**Headroom: 3.1 dB (NEXT 12-78)**  
**Test Limit: ISO11801 Channel Class Ea**  
 Cable Type: Cat 7 S/FTP

Operator: Your Name  
 Software Version: 2.7700  
 Limits Version: 1.9400  
 NVP: 76.0%

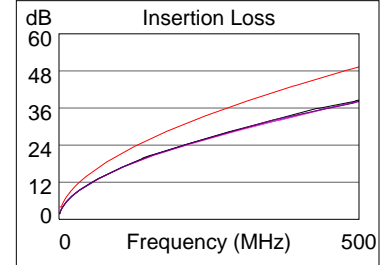
Model: DTX-1800  
 Main S/N: 1953017  
 Remote S/N: 1953018  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

### Wire Map (T568B)

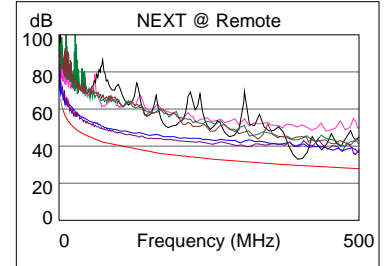
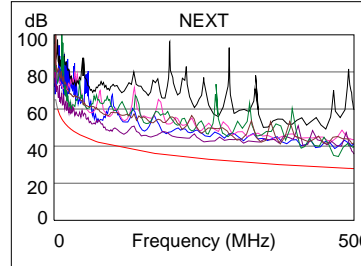
**PASS**



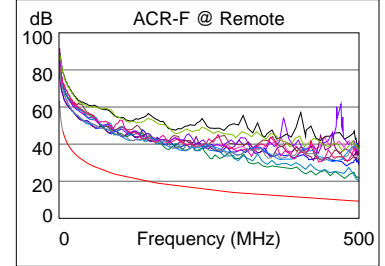
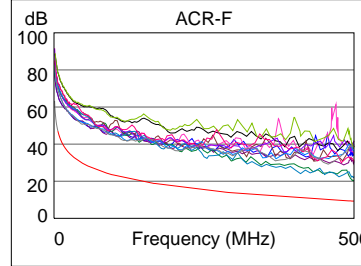
Length (ft)	[Pair 45]	301
Prop. Delay (ns), Limit 555		404
Delay Skew (ns), Limit 50		1
Resistance (ohms), Limit 25.0		12.5
Insertion Loss Margin (dB)	[Pair 45]	10.7
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3



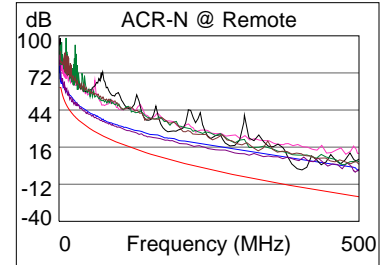
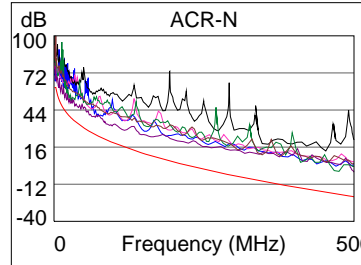
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	12-78	36-78	12-78
<b>NEXT (dB)</b>	5.9	3.1	5.9	3.1
Freq. (MHz)	470.0	400.0	472.0	400.0
Limit (dB)	28.4	29.6	28.3	29.6
Worst Pair	36	12	36	12
<b>PS NEXT (dB)</b>	6.9	5.4	6.9	5.4
Freq. (MHz)	470.0	400.0	470.0	400.0
Limit (dB)	25.3	26.6	25.3	26.6



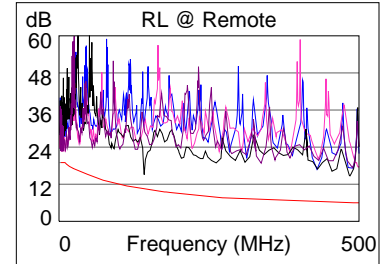
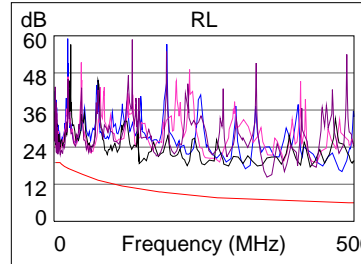
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	11.0	11.1	11.0	11.1
Freq. (MHz)	499.0	499.0	499.0	499.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
<b>PS ACR-F (dB)</b>	13.8	13.5	13.8	13.5
Freq. (MHz)	499.0	499.0	499.0	499.0
Limit (dB)	6.3	6.3	6.3	6.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	36-45	36-45
<b>ACR-N (dB)</b>	4.7	4.4	18.5	18.1
Freq. (MHz)	1.9	3.0	500.0	494.0
Limit (dB)	61.0	61.0	-21.4	-21.0
Worst Pair	12	36	36	36
<b>PS ACR-N (dB)</b>	6.6	6.5	17.5	19.2
Freq. (MHz)	2.0	4.1	472.0	498.0
Limit (dB)	58.0	56.1	-22.5	-24.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	78	45
<b>RL (dB)</b>	1.9	3.1	7.7	8.7
Freq. (MHz)	7.8	7.8	357.0	485.0
Limit (dB)	19.0	19.0	6.5	6.0





### Cable ID: 110207-1383293

### Test Summary: PASS

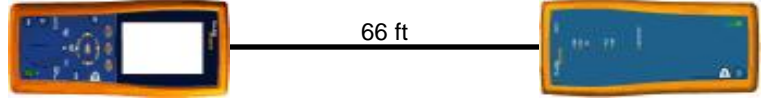
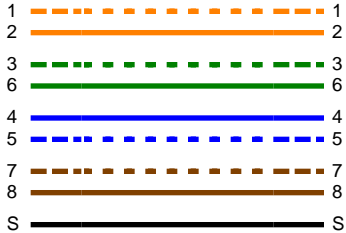
Date / Time: 02/09/2017 01:57:21pm  
**Headroom: 14.2 dB (NEXT 12-78)**  
**Test Limit: ISO11801 Channel Class Ea**  
 Cable Type: Cat 7 S/FTP

Operator: Your Name  
 Software Version: 2.7700  
 Limits Version: 1.9400  
 NVP: 76.0%

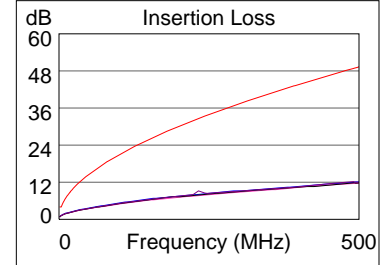
Model: DTX-1800  
 Main S/N: 1953017  
 Remote S/N: 1953018  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

Wire Map (T568B)

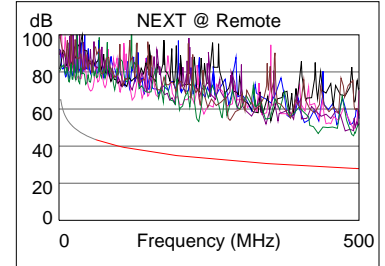
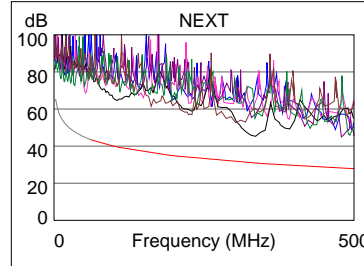
**PASS**



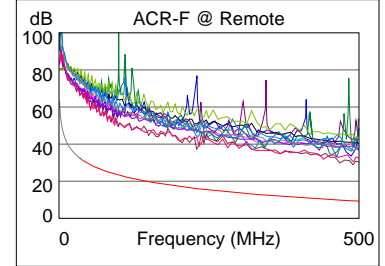
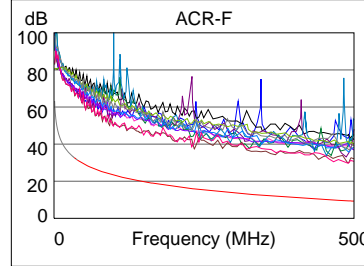
Length (ft)	[Pair 12]	66
Prop. Delay (ns), Limit 555		88
Delay Skew (ns), Limit 50		0
Resistance (ohms), Limit 25.0		5.9
Insertion Loss Margin (dB)	[Pair 78]	36.5
Frequency (MHz)	[Pair 78]	490.0
Limit (dB)	[Pair 78]	48.8



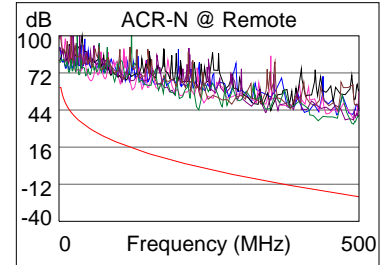
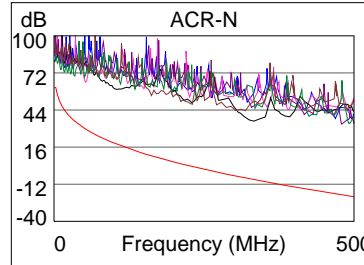
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	36-78	36-45	36-78
<b>NEXT (dB)</b>	14.2	16.6	16.8	17.4
Freq. (MHz)	334.0	431.0	479.0	489.0
Limit (dB)	30.9	29.0	28.2	28.1
Worst Pair	78	36	36	36
<b>PS NEXT (dB)</b>	16.8	18.3	18.8	18.3
Freq. (MHz)	335.0	491.0	500.0	491.0
Limit (dB)	27.9	25.0	24.8	25.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78-36	36-78	78-36	36-78
<b>ACR-F (dB)</b>	20.2	19.4	20.2	19.4
Freq. (MHz)	490.0	490.0	490.0	490.0
Limit (dB)	9.5	9.5	9.5	9.5
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	21.3	21.4	21.3	21.4
Freq. (MHz)	466.0	489.0	466.0	489.0
Limit (dB)	6.9	6.5	6.9	6.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	36-78	36-45	36-78
<b>ACR-N (dB)</b>	19.1	18.5	53.4	53.9
Freq. (MHz)	1.0	1.8	479.0	489.0
Limit (dB)	61.0	61.0	-20.0	-20.7
Worst Pair	78	78	36	36
<b>PS ACR-N (dB)</b>	19.5	19.3	56.5	55.5
Freq. (MHz)	1.0	1.0	500.0	491.0
Limit (dB)	58.0	58.0	-24.5	-23.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	78	78
<b>RL (dB)</b>	4.5	2.3	4.5	2.3
Freq. (MHz)	231.0	231.5	231.0	231.5
Limit (dB)	8.4	8.4	8.4	8.4

