



**Cable ID: KAVOSH DADE PARDAZAN**

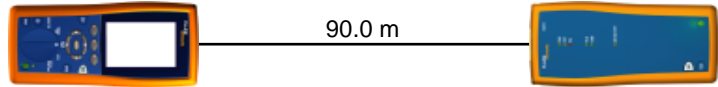
Date / Time: 07/04/2018 06:51:29 AM  
**Headroom 5.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 F/UTP

Operator: AMIRIZADEH  
 Software Version: 2.7700  
 Limits Version: 1.9400  
 NVP: 69.0%

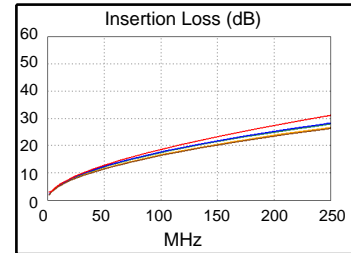
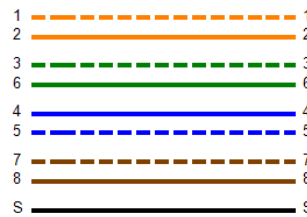
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 1468321  
 Remote S/N: 1468322  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 78]	90.0
Prop. Delay (ns), Limit 498	[Pair 45]	461
Delay Skew (ns), Limit 44	[Pair 45]	26
Resistance (ohms)	[Pair 45]	13.8
Insertion Loss Margin (dB)	[Pair 45]	2.9
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

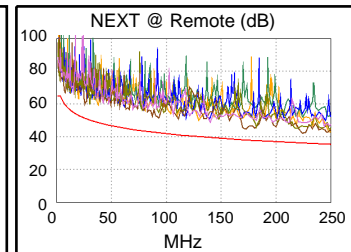
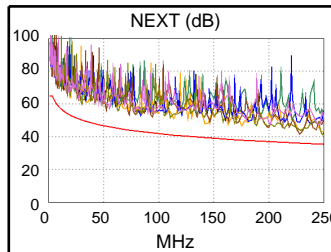


Wire Map (T568B)  
**PASS**

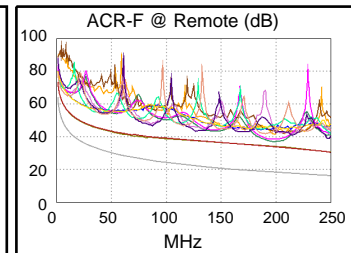
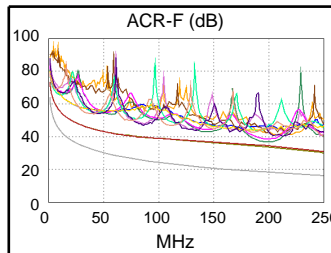


Worst Case Margin Worst Case Value

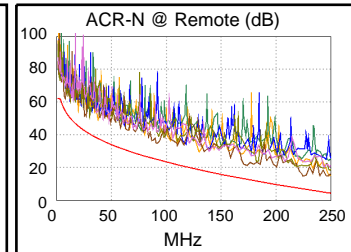
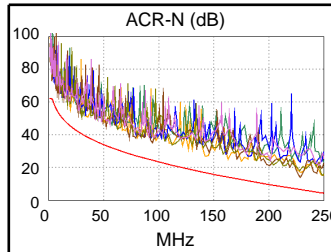
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.1	5.3	5.1	5.3
Freq. (MHz)	228.5	225.0	228.5	225.0
Limit (dB)	36.0	36.1	36.0	36.1
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	4.4	6.3	4.4	6.3
Freq. (MHz)	228.0	225.0	228.0	248.5
Limit (dB)	33.4	33.5	33.4	32.7



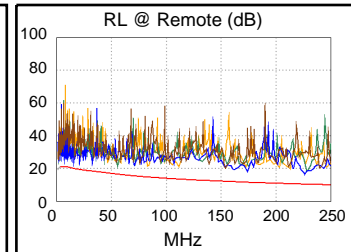
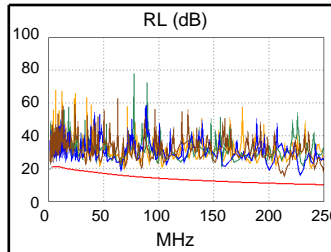
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	10.8	10.7	13.9	14.2
Freq. (MHz)	3.6	3.6	248.5	249.0
Limit (dB)	53.0	53.0	16.3	16.3
Worst Pair	45	45	45	36
<b>PS ACR-F (dB)</b>	11.0	11.1	16.2	16.5
Freq. (MHz)	1.0	1.0	248.5	248.5
Limit (dB)	61.2	61.2	13.3	13.3



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	7.3	6.8	7.3	7.7
Freq. (MHz)	228.5	7.6	228.5	225.0
Limit (dB)	6.5	54.8	6.5	6.8
Worst Pair	36	45	36	36
<b>PS ACR-N (dB)</b>	7.1	8.4	9.0	9.4
Freq. (MHz)	228.0	7.6	248.5	248.5
Limit (dB)	3.9	52.5	1.8	1.8



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	45	45	78	45
<b>RL (dB)</b>	3.0	3.9	4.7	5.3
Freq. (MHz)	65.8	21.0	214.0	226.5
Limit (dB)	15.8	19.4	10.7	10.4



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: KAVOSH DADE PARDAZAN

## Test Summary: PASS

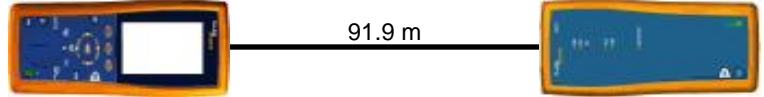
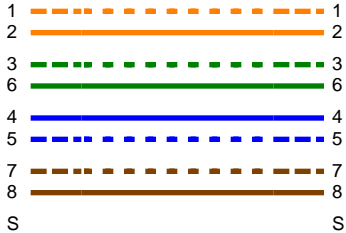
Date / Time: 03/18/2018 03:35:30pm  
**Headroom: 7.5 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6A U/UTP

Operator: ETESAMI  
 Software Version: 2.7700  
 Limits Version: 1.9400  
 NVP: 70.0%

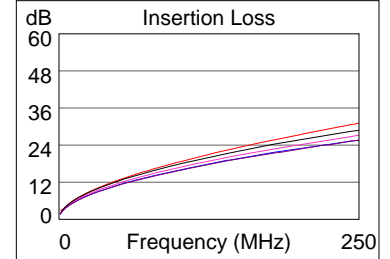
Model: DTX-1800  
 Main S/N: 9668037  
 Remote S/N: 9668038  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

### Wire Map (T568B)

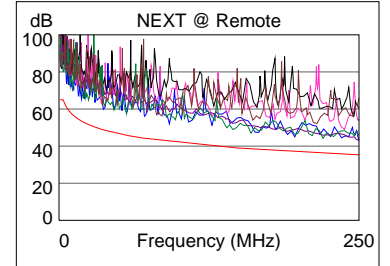
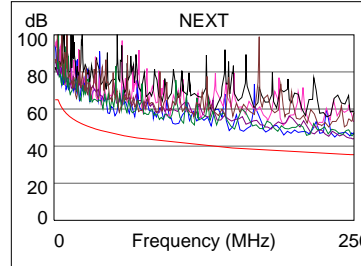
**PASS**



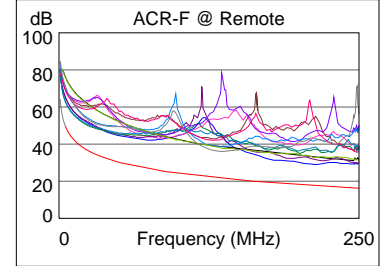
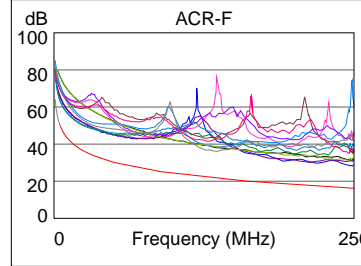
Length (m), Limit 90.0	[Pair 78]	91.9
Prop. Delay (ns), Limit 498		460
Delay Skew (ns), Limit 44		22
Resistance (ohms)	[Pair 45]	13.0
Insertion Loss Margin (dB)	[Pair 45]	2.2
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



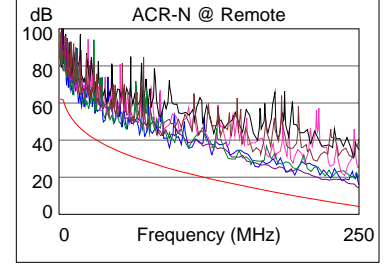
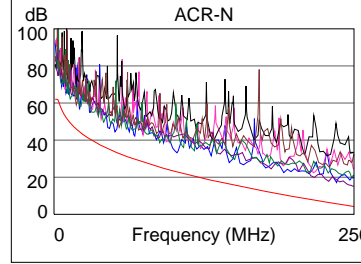
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	36-78	12-36	12-36
<b>NEXT (dB)</b>	7.5	7.6	7.5	7.9
Freq. (MHz)	235.5	220.5	235.5	250.0
Limit (dB)	35.8	36.2	35.8	35.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.1	6.5	7.1	6.5
Freq. (MHz)	235.5	250.0	235.5	250.0
Limit (dB)	33.1	32.7	33.1	32.7



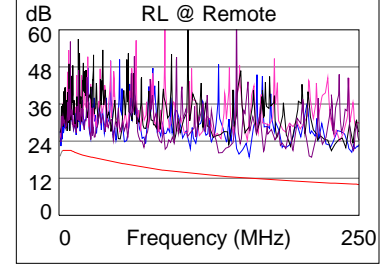
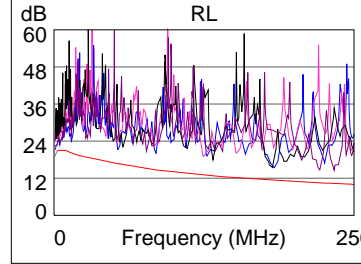
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	12-36	12-36
<b>ACR-F (dB)</b>	11.9	11.2	11.9	11.2
Freq. (MHz)	246.5	211.0	248.5	211.0
Limit (dB)	16.4	17.7	16.3	17.7
Worst Pair	36	36	36	12
<b>PS ACR-F (dB)</b>	12.3	12.4	13.8	13.2
Freq. (MHz)	1.0	1.0	246.0	248.5
Limit (dB)	61.2	61.2	13.4	13.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	36-45	36-45	36-45
<b>ACR-N (dB)</b>	9.9	10.1	10.9	10.1
Freq. (MHz)	45.8	249.5	250.0	250.0
Limit (dB)	35.1	4.3	4.2	4.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	10.9	10.4	11.6	10.4
Freq. (MHz)	235.5	250.0	248.5	250.0
Limit (dB)	3.1	1.6	1.8	1.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	78	45	78
<b>RL (dB)</b>	1.7	5.4	2.9	7.5
Freq. (MHz)	4.6	26.6	181.0	209.5
Limit (dB)	21.0	18.9	11.4	10.8



Compliant Network Standards:  
 10BASE-T      100BASE-TX      100BASE-T4  
 1000BASE-T    ATM-25            ATM-51  
 ATM-155       100VG-AnyLan    TR-4  
 TR-16 Active    TR-16 Passive