



# Cable ID: KSUA-1000

# Test Summary: PASS

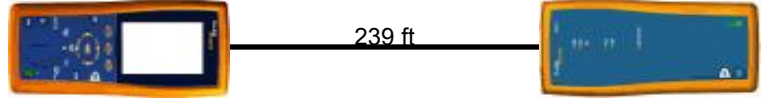
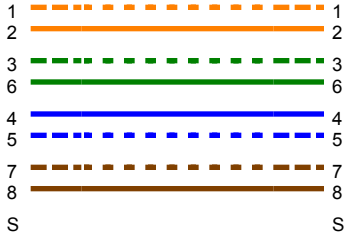
Date / Time: 04/30/2019 01:11:03pm  
 Headroom: 3.3 dB (NEXT 36-45)  
 Test Limit: TIA Cat 6A Perm. Link  
 Cable Type: Cat 6A UTP

Operator: LANBERG  
 Software Version: 2.5200  
 Limits Version: 1.7000  
 NVP: 68.2%

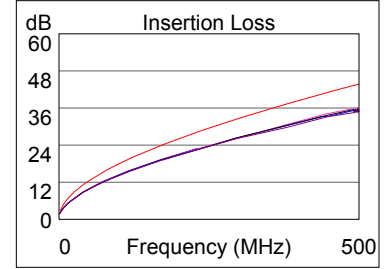
Model: DTX-1800  
 Main S/N: 1314035  
 Remote S/N: 1314036  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

### Wire Map (T568B)

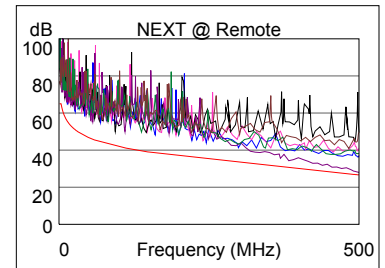
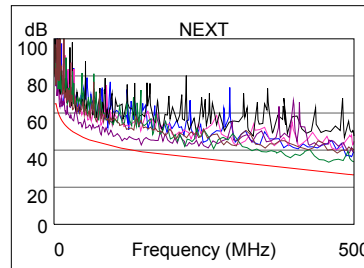
**PASS**



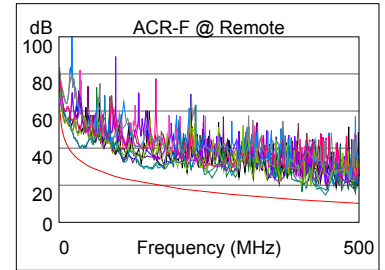
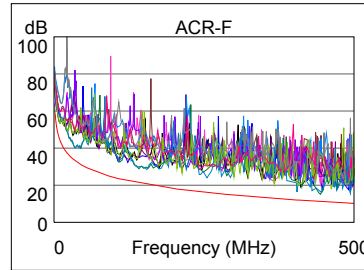
Length (ft), Limit 295	[Pair 78]	239
Prop. Delay (ns), Limit 498		378
Delay Skew (ns), Limit 44		22
Resistance (ohms)	[Pair 36]	10.8
Insertion Loss Margin (dB)	[Pair 36]	7.2
Frequency (MHz)	[Pair 36]	489.0
Limit (dB)	[Pair 36]	43.2



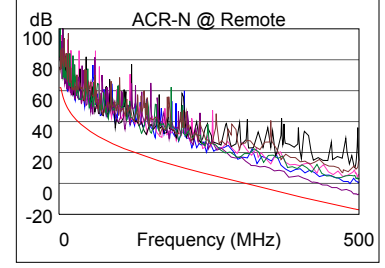
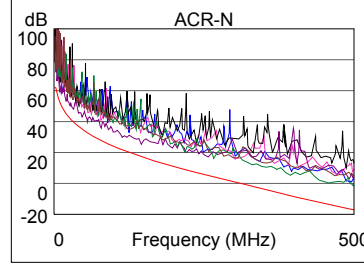
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-78	36-45
<b>NEXT (dB)</b>	3.5	3.3	5.5	3.3
Freq. (MHz)	145.0	499.0	457.0	499.0
Limit (dB)	39.2	26.7	27.9	26.7
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	5.0	3.2	7.8	3.2
Freq. (MHz)	219.0	499.0	498.0	499.0
Limit (dB)	33.7	23.8	23.8	23.8



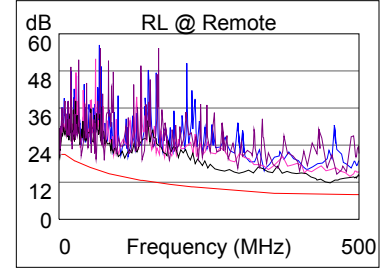
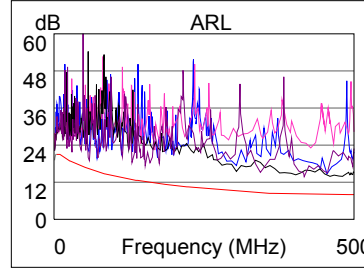
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	45-36	45-36	45-36
<b>ACR-F (dB)</b>	3.4	3.6	3.4	3.6
Freq. (MHz)	446.0	444.0	446.0	444.0
Limit (dB)	11.2	11.2	11.2	11.2
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	5.0	6.1	5.7	6.1
Freq. (MHz)	447.0	446.0	494.0	446.0
Limit (dB)	8.2	8.2	7.3	8.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	36-78	36-45
<b>ACR-N (dB)</b>	6.0	9.3	15.5	9.6
Freq. (MHz)	9.5	5.3	499.0	497.0
Limit (dB)	52.8	58.2	-17.0	-16.9
Worst Pair	45	45	36	36
<b>PS ACR-N (dB)</b>	6.9	9.5	15.7	11.1
Freq. (MHz)	9.5	9.4	500.0	499.0
Limit (dB)	50.5	50.6	-20.0	-19.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	78	45
<b>RL (dB)</b>	2.7	1.3	4.9	3.6
Freq. (MHz)	59.0	37.5	418.0	451.0
Limit (dB)	16.3	18.1	8.0	8.0



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

\* Measurement is within the accuracy limits of the instrument.