



Cable ID: KSUA-2000

Test Summary: PASS

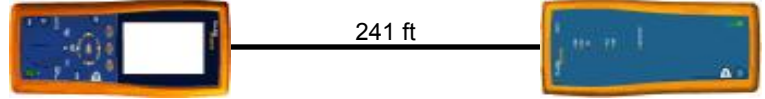
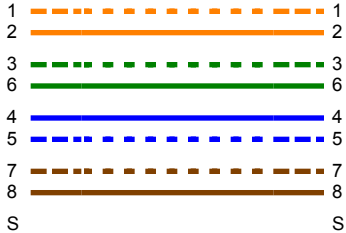
Date / Time: 11/03/2018 04:19:08pm
 Headroom: 2.4 dB (NEXT 36-78)
 Test Limit: TIA Cat 6A Perm. Link
 Cable Type: Cat 6A UTP

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

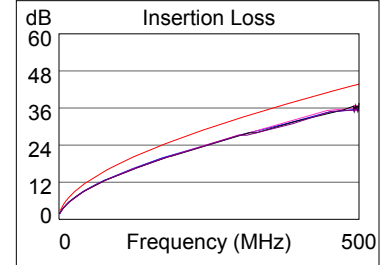
Model: DTX-1800
 Main S/N: 1314035
 Remote S/N: 1314036
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

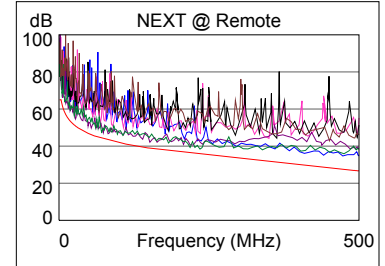
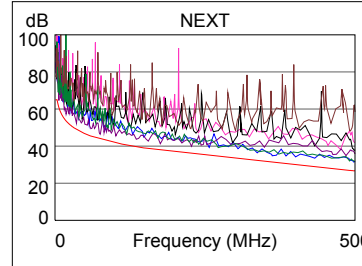
PASS



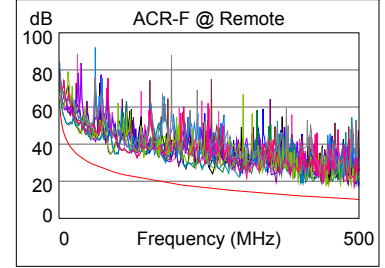
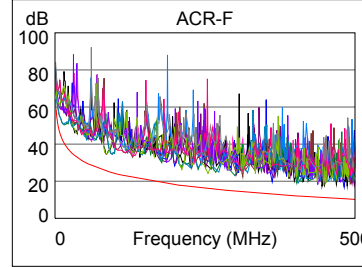
Length (ft), Limit 295	[Pair 78]	241
Prop. Delay (ns), Limit 498		384
Delay Skew (ns), Limit 44		24
Resistance (ohms)	[Pair 45]	11.0
Insertion Loss Margin (dB)	[Pair 45]	6.2
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	43.8



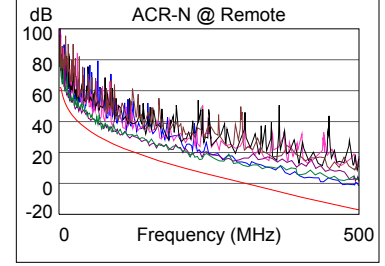
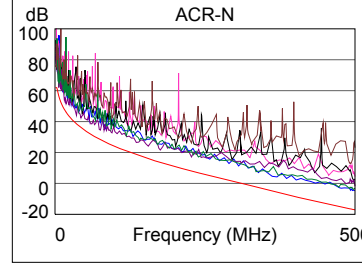
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-78	12-36	12-36
NEXT (dB)	2.6	2.4	4.7	7.3
Freq. (MHz)	75.3	236.0	498.0	483.0
Limit (dB)	43.8	35.7	26.7	27.1
Worst Pair	36	36	36	36
PS NEXT (dB)	2.8	2.6	4.1	7.4
Freq. (MHz)	338.0	236.5	499.0	483.0
Limit (dB)	29.6	33.1	23.8	24.3



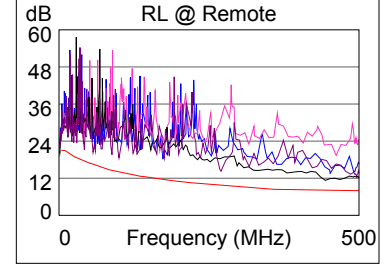
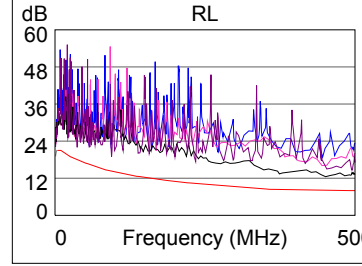
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	12-36	78-36
ACR-F (dB)	6.0	5.7	6.3	6.6
Freq. (MHz)	426.0	426.0	482.0	492.0
Limit (dB)	11.6	11.6	10.5	10.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	6.9	7.5	6.9	7.7
Freq. (MHz)	448.0	445.0	448.0	483.0
Limit (dB)	8.2	8.2	8.2	7.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	12-36	12-36
ACR-N (dB)	4.8	5.2	12.4	13.9
Freq. (MHz)	6.6	6.5	500.0	482.0
Limit (dB)	56.1	56.3	-17.1	-15.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	5.7	5.4	11.3	14.1
Freq. (MHz)	6.6	6.5	500.0	482.0
Limit (dB)	53.8	54.0	-20.0	-18.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	45	45	45
RL (dB)	3.8	3.3	4.3	3.3
Freq. (MHz)	37.0	444.0	470.0	444.0
Limit (dB)	18.2	8.0	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