



Cable ID: KSU5-3000

Test Summary: PASS

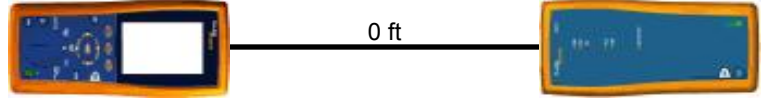
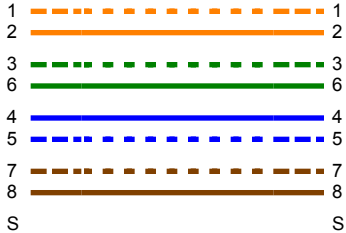
Date / Time: 11/03/2018 04:37:20pm
 Headroom: 14.1 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e UTP

Operator: LANBERG
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 69.0%

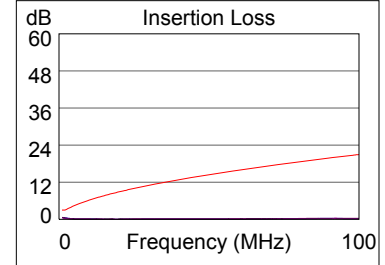
Model: DTX-1800
 Main S/N: 1314035
 Remote S/N: 1314036
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

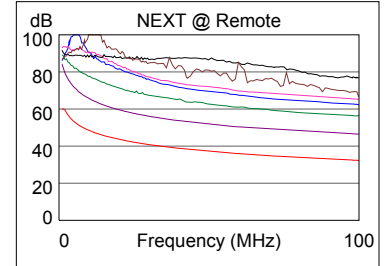
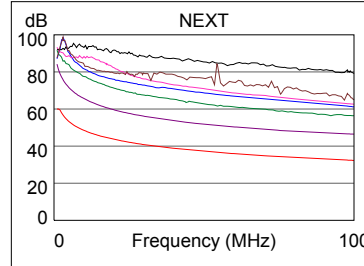
PASS



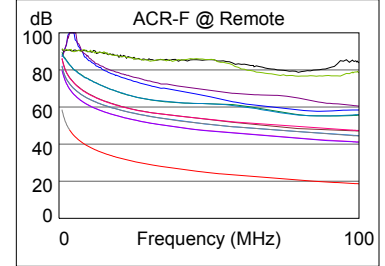
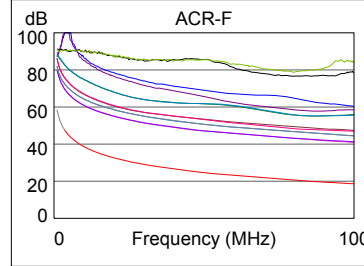
Length (ft), Limit 295	[Pair 12]	0
Prop. Delay (ns), Limit 498		0
Delay Skew (ns), Limit 44		0
Resistance (ohms)	[Pair 36]	0.1
Insertion Loss Margin (dB)	[Pair 12]	2.4
Frequency (MHz)	[Pair 12]	1.4
Limit (dB)	[Pair 12]	3.0



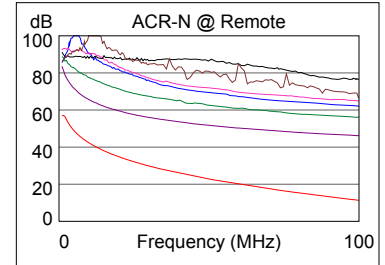
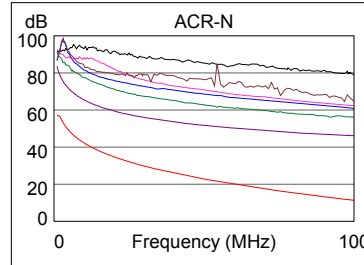
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	14.1	14.1	14.1	14.1
Freq. (MHz)	75.5	76.0	100.0	100.0
Limit (dB)	34.3	34.3	32.3	32.3
Worst Pair	36	36	36	36
PS NEXT (dB)	16.5	16.6	16.6	16.6
Freq. (MHz)	92.3	76.0	100.0	100.0
Limit (dB)	29.9	31.3	29.3	29.3



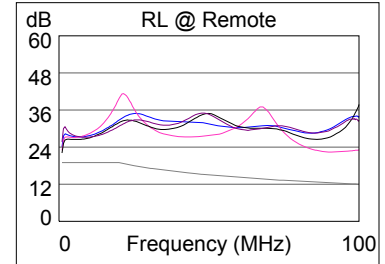
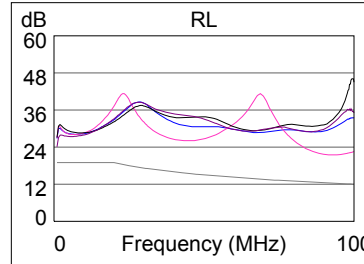
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-12	12-45	12-45	45-12
ACR-F (dB)	22.0	22.0	22.3	22.4
Freq. (MHz)	3.5	3.5	100.0	100.0
Limit (dB)	47.7	47.7	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	23.2	23.2	23.6	23.8
Freq. (MHz)	4.0	4.0	100.0	100.0
Limit (dB)	43.6	43.6	15.6	15.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	21.8	22.3	34.8	34.8
Freq. (MHz)	2.1	2.4	100.0	100.0
Limit (dB)	56.1	55.3	11.3	11.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	24.4	24.4	37.3	37.3
Freq. (MHz)	1.9	1.9	100.0	100.0
Limit (dB)	54.0	54.0	8.3	8.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	78	45	36	45
RL (dB)	5.1	3.1	9.1	3.1
Freq. (MHz)	1.0	1.0	91.5	1.0
Limit (dB)	19.0	19.0	12.4	19.0



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