



**Cable ID: DS-1LN5E-E/E**

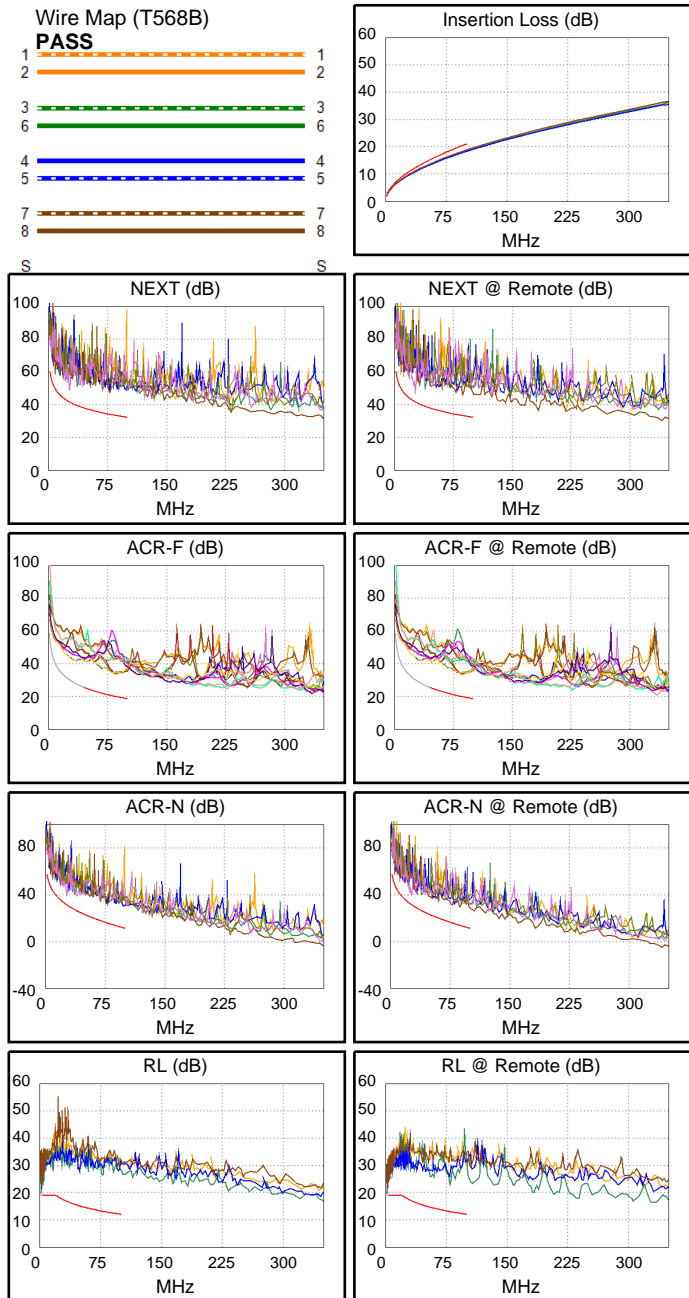
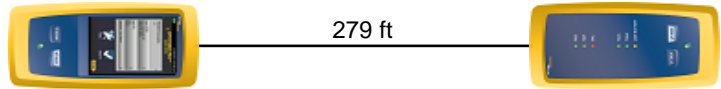
Date / Time: 10/16/2018 03:36:39 PM  
**Headroom 6.5 dB (NEXT 45-78)**  
**Test Limit: TIA Cat 5e Perm. Link**  
 Cable Type: Cat 5e U/UTP  
 NVP: 69.0%

Operator: JSK  
 Software Version: V5.5 Build 2  
 Limits Version: V6.3  
 Calibration Date:  
 Main (Module): 07/06/2018  
 Remote (Module): 07/06/2018

**Test Summary: PASS**

Model: DSX-5000  
 Main S/N: 3716097  
 Remote S/N: 3759055  
 Main Adapter: DSX-PLA004  
 Remote Adapter: DSX-PLA004

Length (ft), Limit 295	[Pair 36]	279
Prop. Delay (ns), Limit 498	[Pair 12]	419
Delay Skew (ns), Limit 44	[Pair 12]	8
Resistance (ohms)	[Pair 12]	19.58
Insertion Loss Margin (dB)	[Pair 78]	2.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	36-45	36-45
<b>NEXT (dB)</b>	7.4	6.5	12.8	12.7
Freq. (MHz)	26.6	26.5	77.0	87.3
Limit (dB)	41.7	41.7	34.2	33.3
Worst Pair	45	45	45	45
<b>PS NEXT (dB)</b>	9.7	9.3	14.4	15.1
Freq. (MHz)	26.6	26.5	77.0	99.3
Limit (dB)	38.7	38.7	31.2	29.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	13.1	13.2	14.0	13.9
Freq. (MHz)	2.4	2.5	87.3	87.0
Limit (dB)	51.1	50.7	19.8	19.8
Worst Pair	45	45	36	36
<b>PS ACR-F (dB)</b>	14.0	13.9	17.2	16.0
Freq. (MHz)	1.8	1.0	100.0	85.0
Limit (dB)	50.8	55.6	15.6	17.0

N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-78	36-45
<b>ACR-N (dB)</b>	8.3	7.3	18.3	15.2
Freq. (MHz)	26.6	26.4	98.0	87.3
Limit (dB)	31.4	31.5	11.7	13.8
Worst Pair	45	78	12	45
<b>PS ACR-N (dB)</b>	10.8	10.3	19.1	17.8
Freq. (MHz)	26.6	26.5	92.8	99.3
Limit (dB)	28.4	28.4	9.7	8.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
<b>RL (dB)</b>	5.3	5.6	5.3	9.9
Freq. (MHz)	3.0	3.0	3.0	79.8
Limit (dB)	19.0	19.0	19.0	13.0

Compliant Network Standards:  
 10BASE-T      100BASE-TX      100BASE-T4  
 1000BASE-T    2.5GBASE-T      5GBASE-T  
 ATM-25      ATM-51      ATM-155  
 100VG-AnyLan    TR-4      TR-16 Active  
 TR-16 Passive