



Cable ID: DS-1LN5E-S

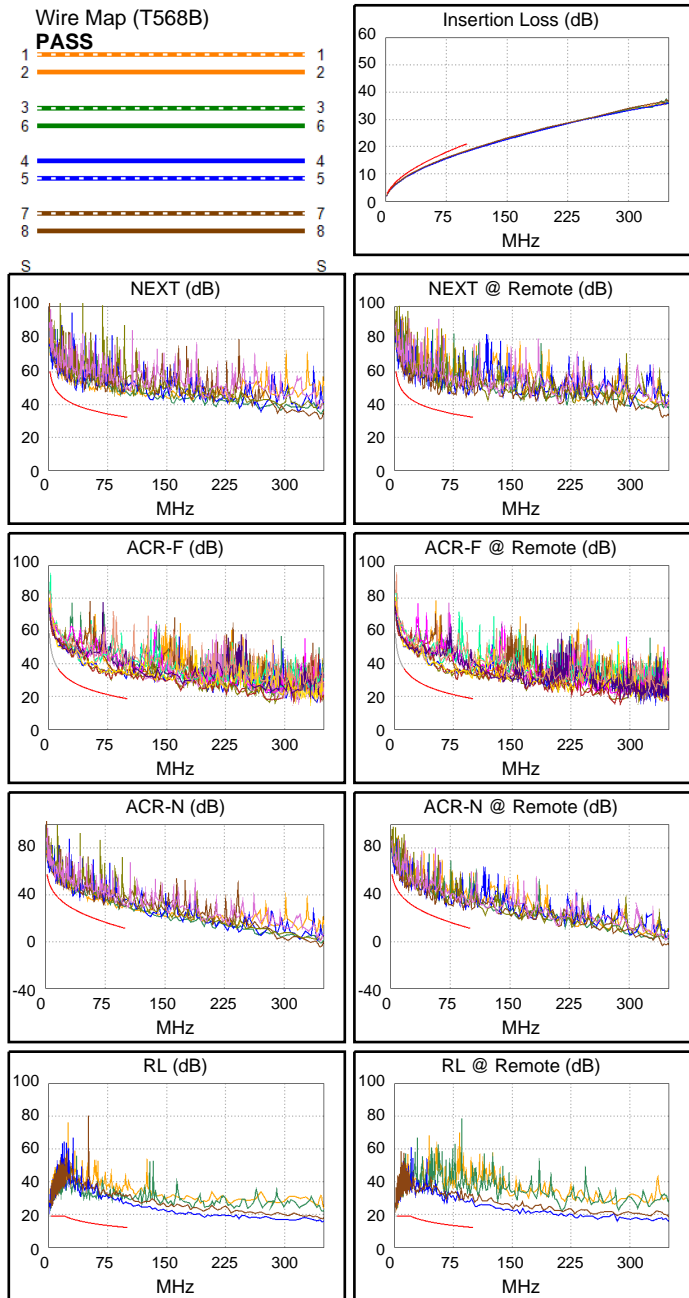
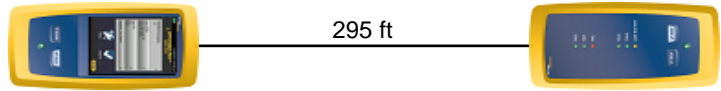
Date / Time: 09/14/2018 08:25:17 AM
Headroom 8.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: PGK
 Software Version: V5.2 Build 1
 Limits Version: V6.1
 Calibration Date:
 Main (Module): 10/30/2017
 Remote (Module): 10/30/2017

Test Summary: PASS

Model: DSX-5000
 Main S/N: 2552832
 Remote S/N: 2553068
 Main Adapter: DSX-PLA004
 Remote Adapter: DSX-PLA004

Length (ft), Limit 295	[Pair 36]	295
Prop. Delay (ns), Limit 498	[Pair 12]	445
Delay Skew (ns), Limit 44	[Pair 12]	11
Resistance (ohms)	[Pair 78]	17.44
Insertion Loss Margin (dB)	[Pair 12]	2.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-45	36-45
NEXT (dB)	8.9	8.8	12.3	12.0
Freq. (MHz)	4.8	55.8	91.8	91.5
Limit (dB)	53.6	36.5	32.9	32.9
Worst Pair	12	12	12	45
PS NEXT (dB)	9.3	10.7	13.8	13.7
Freq. (MHz)	34.3	4.6	96.3	91.8
Limit (dB)	36.9	50.8	29.6	29.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	9.6	9.6	9.7	9.7
Freq. (MHz)	79.0	79.0	79.5	79.3
Limit (dB)	20.7	20.7	20.6	20.6
Worst Pair	36	36	12	12
PS ACR-F (dB)	12.0	11.8	13.7	12.9
Freq. (MHz)	79.0	79.0	98.3	98.5
Limit (dB)	17.7	17.7	15.8	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-45	36-45
ACR-N (dB)	9.3	9.7	15.0	14.6
Freq. (MHz)	4.8	4.6	91.8	91.5
Limit (dB)	49.3	49.6	12.9	13.0
Worst Pair	12	12	12	78
PS ACR-N (dB)	10.5	11.1	16.3	16.8
Freq. (MHz)	34.3	4.6	96.3	95.3
Limit (dB)	25.1	46.6	9.0	9.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	45	45
RL (dB)	8.3	8.4	14.1	14.9
Freq. (MHz)	3.6	3.6	94.8	94.8
Limit (dB)	19.0	19.0	12.2	12.2

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