



Cable ID: CAT5E SDJ SERIES U/UTP CABLING SYSTEM PL

Test Summary: PASS

Date / Time: 10/08/2021 01:41:06 PM

Operator: Sam Hen

Model: DSX-5000

Headroom 8.6 dB (NEXT 36-78)

Software Version: V6.6 Build 2

Main S/N: 3658026

Test Limit: TIA Cat 5e Perm. Link

Limits Version: V7.6

Remote S/N: 3658040

Cable Type: Cat 5e U/UTP

Calibration Date:

Main Adapter: DSX-PLA004

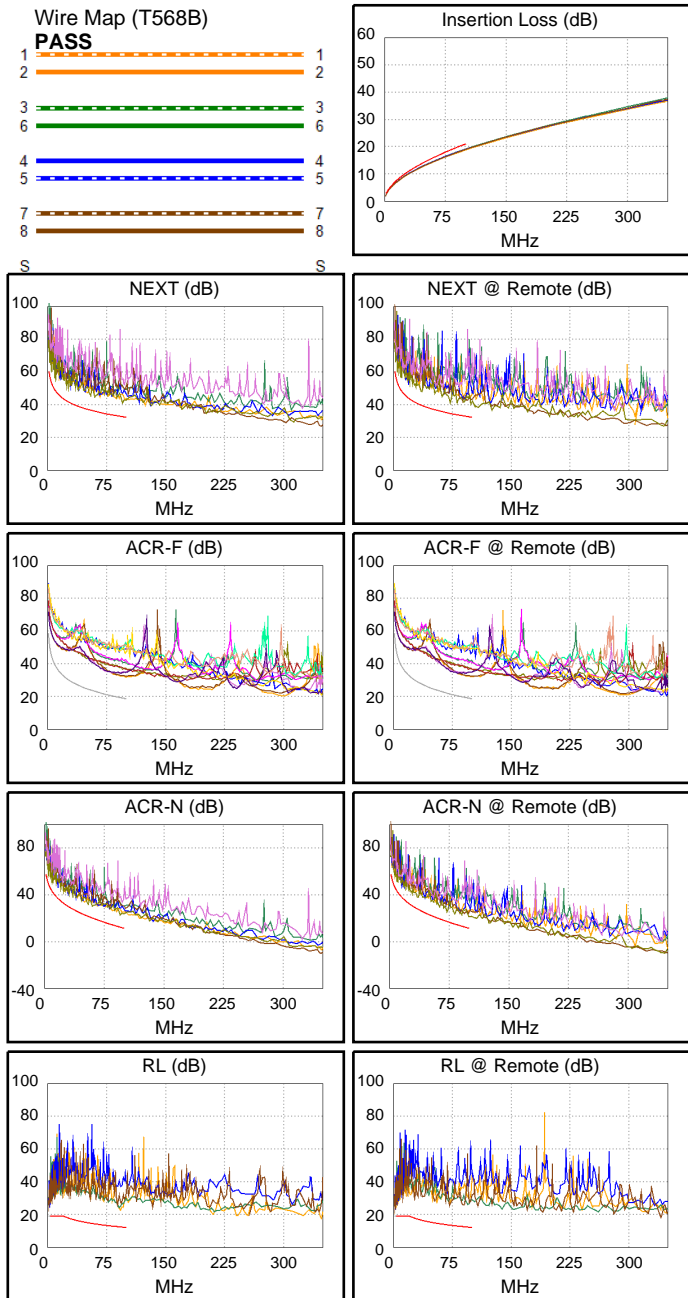
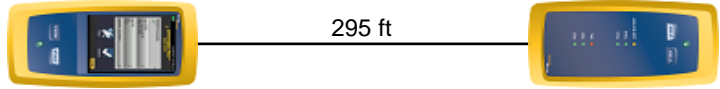
NVP: 69.0%

Main (Module): 09/30/2021

Remote (Module): 09/30/2021

Remote Adapter: DSX-PLA004

Length (ft), Limit 295	[Pair 78]	295
Prop. Delay (ns), Limit 498	[Pair 45]	453
Delay Skew (ns), Limit 44	[Pair 45]	18
Resistance (ohms)	[Pair 45]	16.79
Insertion Loss Margin (dB)	[Pair 36]	1.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	8.6	6.5	8.3	7.5
Freq. (MHz)	95.3	72.3	95.3	99.0
Limit (dB)	32.7	34.6	32.7	32.4
Worst Pair	36	36	36	36
PS NEXT (dB)	8.5	7.8	10.0	7.8
Freq. (MHz)	23.8	99.0	98.3	99.0
Limit (dB)	39.5	29.4	29.4	29.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-F (dB)	12.9	13.1	13.3	13.5
Freq. (MHz)	92.8	92.8	99.8	100.0
Limit (dB)	19.3	19.3	18.6	18.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	12.6	12.6	13.7	13.7
Freq. (MHz)	1.5	1.4	100.0	100.0
Limit (dB)	52.1	52.8	15.6	15.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	9.0	8.0	10.4	9.6
Freq. (MHz)	9.0	9.1	95.3	99.0
Limit (dB)	43.3	43.2	12.2	11.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	9.1	8.4	11.8	9.7
Freq. (MHz)	9.0	9.0	98.3	99.0
Limit (dB)	40.3	40.3	8.7	8.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
RL (dB)	10.0	8.7	10.0	12.0
Freq. (MHz)	91.8	3.6	91.8	89.3
Limit (dB)	12.4	19.0	12.4	12.5

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