



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

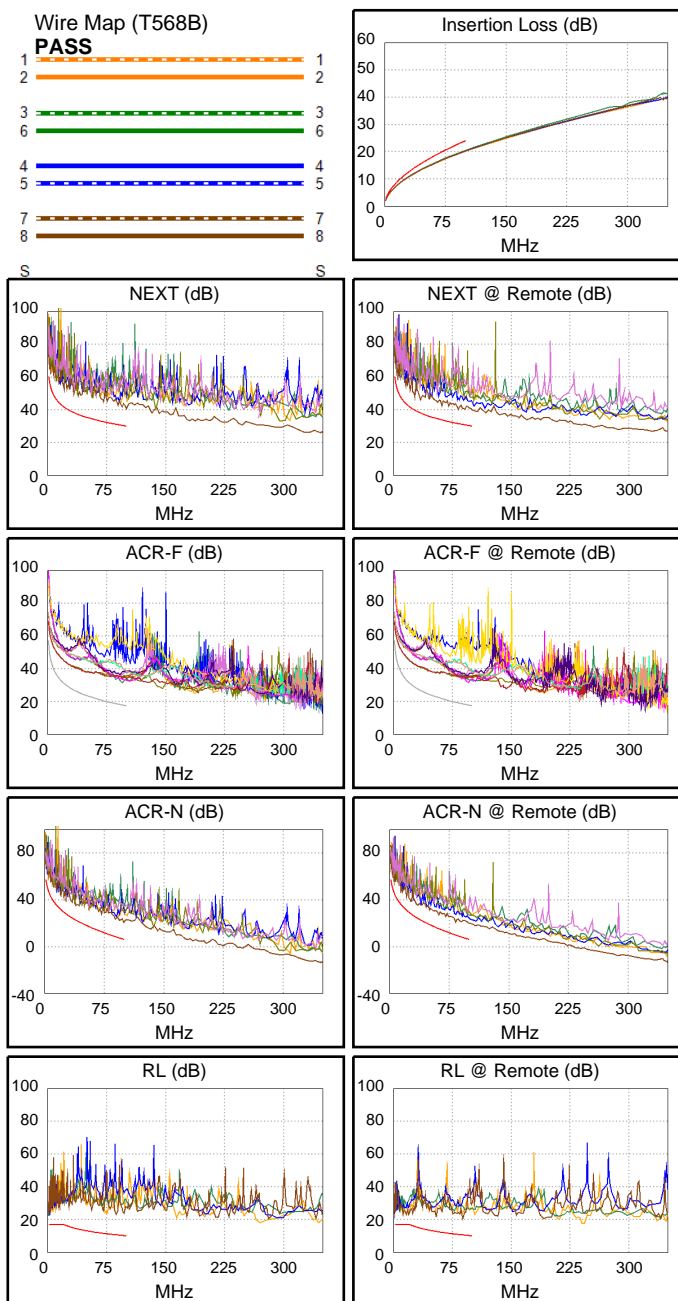
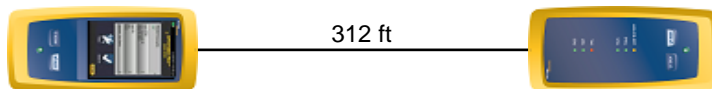
Test Summary: PASS

Date / Time: 10/08/2021 01:32:09
 PM Headroom 9.7 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Sam Hen
 Software Version: V6.6 Build 2
 Limits Version: V7.6
 Calibration Date:
 Main (Module): 09/30/2021
 Remote (Module): 09/30/2021

Model: DSX-5000
 Main S/N: 3658026
 Remote S/N: 3658040
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 328	[Pair 78]	312
Prop. Delay (ns), Limit 555	[Pair 45]	477
Delay Skew (ns), Limit 50	[Pair 45]	17
Resistance (ohms)	[Pair 45]	17.72
Insertion Loss Margin (dB)	[Pair 36]	3.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	9.7	7.8	10.4	7.8
Freq. (MHz)	2.0	83.3	99.8	83.3
Limit (dB)	58.4	31.5	30.1	31.5
Worst Pair	36	45	36	36
PS NEXT (dB)	11.9	10.5	12.8	11.2
Freq. (MHz)	2.0	34.5	100.0	90.8
Limit (dB)	55.4	35.0	27.1	27.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-45	45-12
ACR-F (dB)	12.0	12.0	13.6	13.8
Freq. (MHz)	1.9	1.9	97.8	97.8
Limit (dB)	51.9	51.9	17.6	17.6
Worst Pair	36	36	45	12
PS ACR-F (dB)	12.8	12.7	14.9	15.4
Freq. (MHz)	1.9	1.0	97.8	98.0
Limit (dB)	48.9	54.4	14.6	14.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	10.1	9.5	14.2	13.6
Freq. (MHz)	2.0	26.8	99.8	99.8
Limit (dB)	55.3	28.0	6.1	6.1
Worst Pair	36	45	36	36
PS ACR-N (dB)	12.3	12.1	16.3	15.6
Freq. (MHz)	2.0	26.8	100.0	99.8
Limit (dB)	52.3	25.0	3.1	3.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	78
RL (dB)	8.4	5.6	12.8	9.7
Freq. (MHz)	2.6	19.4	96.8	88.5
Limit (dB)	17.0	17.0	10.2	10.5

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