



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

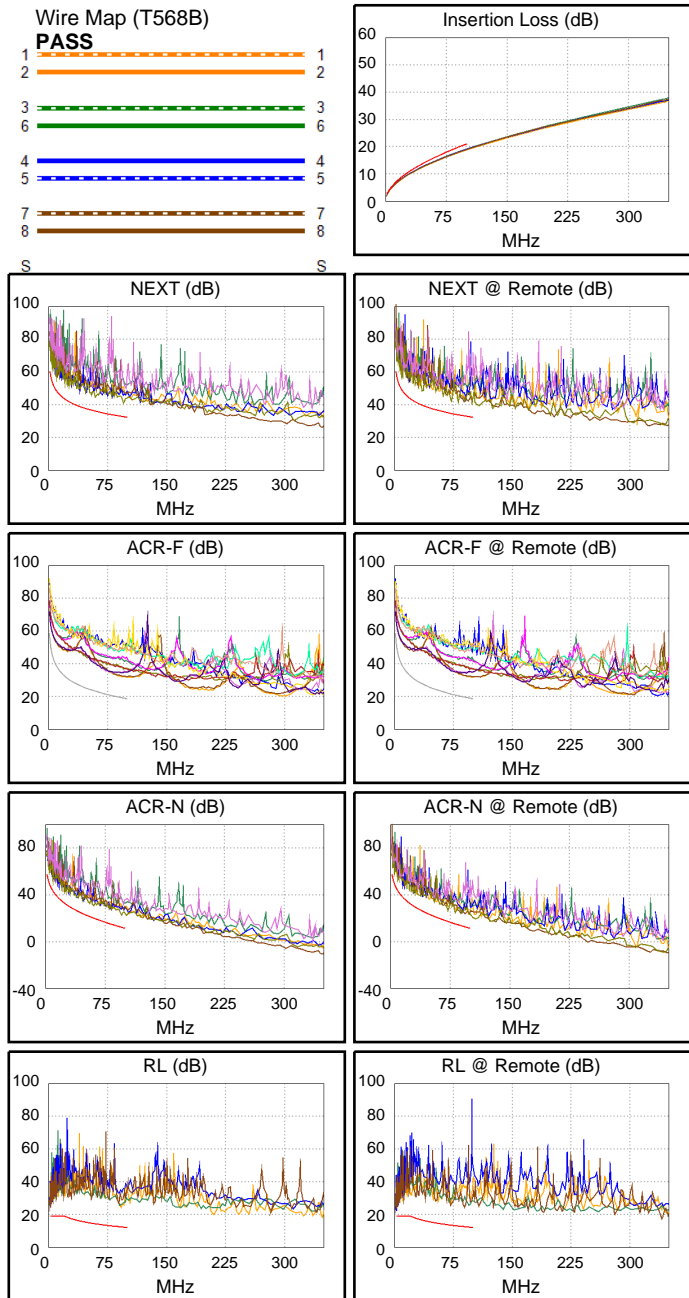
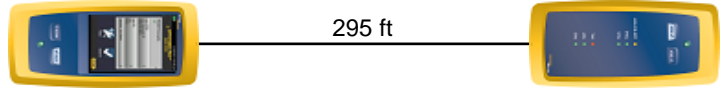
Test Summary: PASS

Date / Time: 10/08/2021 01:47:06
 PM Headroom 8.5 dB (NEXT 36-78)
 Test Limit: TIA Cat 5e Perm. Link
 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-PLA004
 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]	16.86
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)	8.5	7.4	8.3	8.5
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)	8.7	8.0	10.2	8.0
Freq. (MHz)	23.8	99.0	95.8	99.0
Limit (dB)	39.5	29.4	29.6	29.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-F (dB)	12.6	12.8	12.9	13.1
Freq. (MHz)	92.8	93.3	99.8	100.0
Limit (dB)	19.3	19.2	18.6	18.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	12.4	12.5	13.4	13.6
Freq. (MHz)	1.5	1.5	99.8	100.0
Limit (dB)	52.1	52.1	15.6	15.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	9.2	8.9	10.4	10.6
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	8.6	12.4	9.9
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	45	12	12	78
RL (dB)	10.2	8.6	11.7	11.7
Freq. (MHz)	3.5	3.6	92.0	89.3
Limit (dB)	19.0	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