



Cable ID: CAT6 HDJ SERIES U/UTP CABLING SYSTEM PL

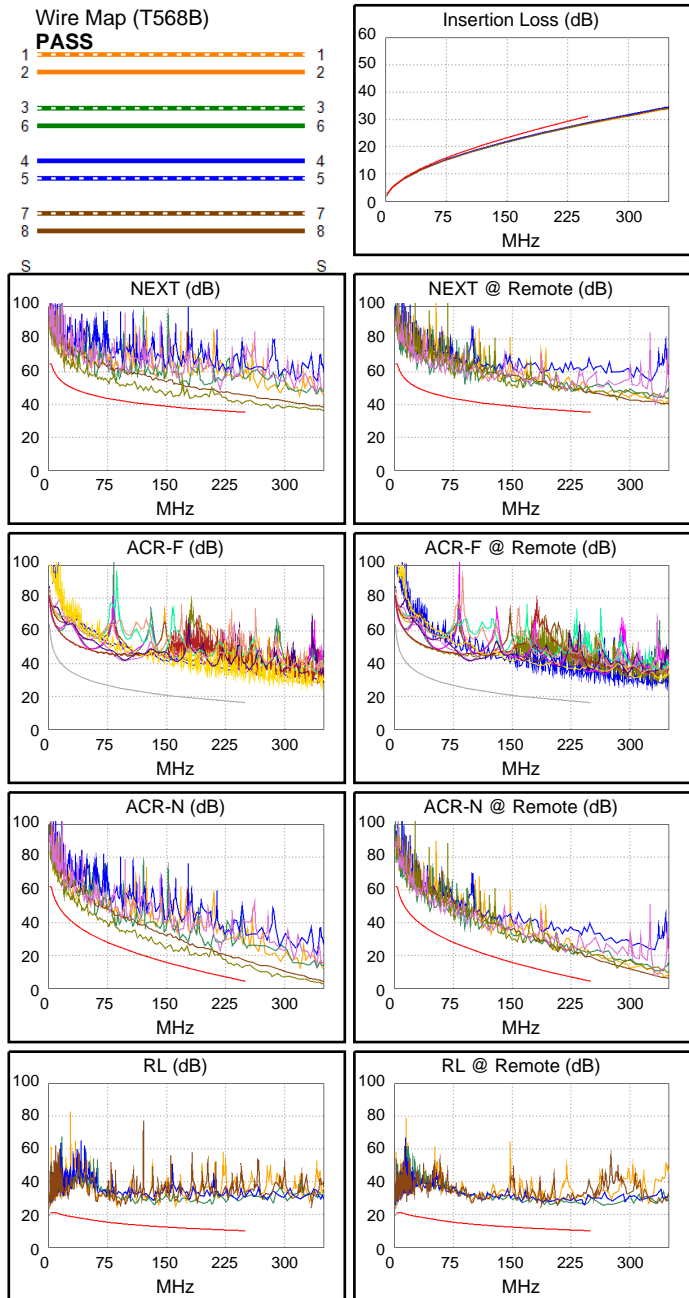
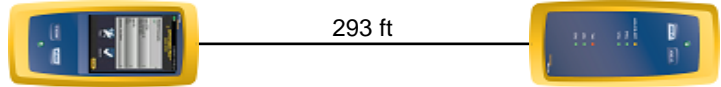
Test Summary: PASS

Date / Time: 10/12/2021 04:26:12 PM
Headroom 7.1 dB (NEXT 36-78) Test
 Limit: TIA Cat 6 Perm. Link Cable
 Type: Cat 6 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]	293
Prop. Delay (ns), Limit 498	[Pair 45]	454
Delay Skew (ns), Limit 44	[Pair 45]	22
Resistance (ohms)	[Pair 45]	13.84
Insertion Loss Margin (dB)	[Pair 45]	2.3
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-45	36-78	12-45
NEXT (dB)	7.1	10.2	7.5	11.4
Freq. (MHz)	247.0	89.8	247.0	245.5
Limit (dB)	35.4	42.6	35.4	35.5
Worst Pair	36	45	36	36
PS NEXT (dB)	6.5	10.6	6.5	10.8
Freq. (MHz)	247.0	245.0	247.0	249.5
Limit (dB)	32.8	32.9	32.8	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	15.4	15.2	15.4	15.2
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	16.2	16.2	16.2	16.2
Worst Pair	45	45	12	78
PS ACR-F (dB)	16.0	16.1	16.6	17.2
Freq. (MHz)	1.3	1.1	250.0	250.0
Limit (dB)	59.3	60.2	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-45	36-78	12-45
ACR-N (dB)	6.9	10.9	7.7	13.7
Freq. (MHz)	149.0	89.8	247.0	245.5
Limit (dB)	15.9	25.1	4.5	4.7
Worst Pair	36	45	36	45
PS ACR-N (dB)	9.0	12.2	9.2	12.9
Freq. (MHz)	160.0	44.8	247.0	245.0
Limit (dB)	11.8	33.0	1.9	2.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	36
RL (dB)	8.0	8.0	9.8	14.8
Freq. (MHz)	3.9	3.9	86.5	199.0
Limit (dB)	21.0	21.0	14.6	11.0

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