



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

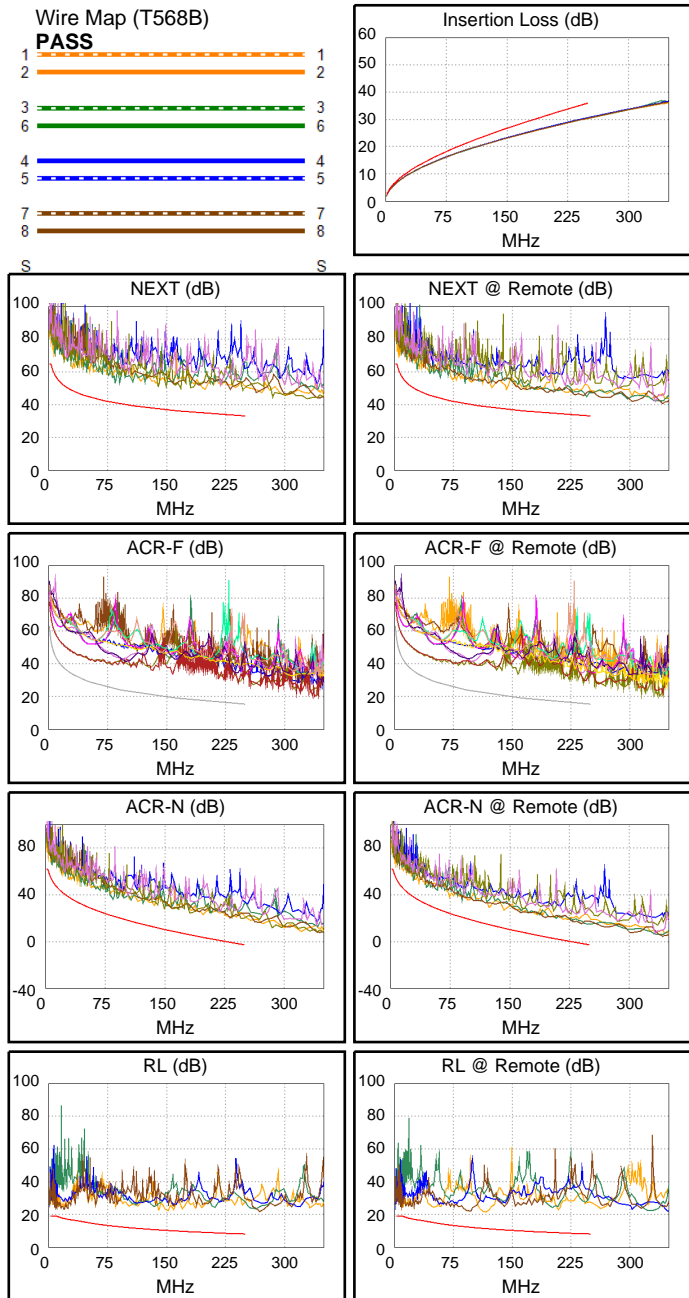
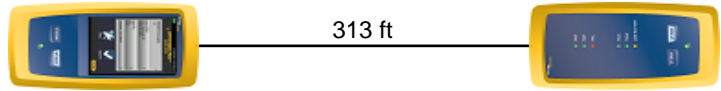
Test Summary: PASS

Date / Time: 10/12/2021 04:48:02 PM
Headroom 11.2 dB (NEXT 12-36)
 Test Limit: TIA Cat 6 Channel
 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-CHA004
 Remote Adapter: DSX-CHA004

Length (ft), Limit 328	[Pair 78]	313
Prop. Delay (ns), Limit 555	[Pair 45]	484
Delay Skew (ns), Limit 50	[Pair 45]	23
Resistance (ohms)	[Pair 45]	14.92
Insertion Loss Margin (dB)	[Pair 45]	5.2
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	12-45
NEXT (dB)	12.1	11.2	15.7	11.5
Freq. (MHz)	3.3	5.4	247.0	246.0
Limit (dB)	64.5	61.0	33.2	33.2
Worst Pair	36	36	36	45
PS NEXT (dB)	12.4	12.1	15.6	12.3
Freq. (MHz)	3.3	167.5	233.0	245.5
Limit (dB)	62.0	33.2	30.7	30.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	12.5	12.3	12.5	12.3
Freq. (MHz)	241.5	241.5	241.5	241.5
Limit (dB)	15.6	15.6	15.6	15.6
Worst Pair	36	45	36	45
PS ACR-F (dB)	14.4	15.0	14.4	15.0
Freq. (MHz)	241.5	243.5	241.5	243.5
Limit (dB)	12.6	12.5	12.6	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	12-45
ACR-N (dB)	12.5	11.8	21.1	16.7
Freq. (MHz)	3.3	5.4	247.0	246.0
Limit (dB)	60.9	56.3	-2.5	-2.4
Worst Pair	36	36	36	45
PS ACR-N (dB)	12.8	13.6	22.2	17.5
Freq. (MHz)	3.3	3.3	249.0	245.5
Limit (dB)	58.4	58.4	-5.7	-5.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	12
RL (dB)	5.3	6.3	12.4	10.0
Freq. (MHz)	19.0	15.6	160.5	118.0
Limit (dB)	17.6	18.0	9.9	11.3

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