



Cable ID: CAT6A HDJ SERIES U/UTP CABLING SYSTEM PL

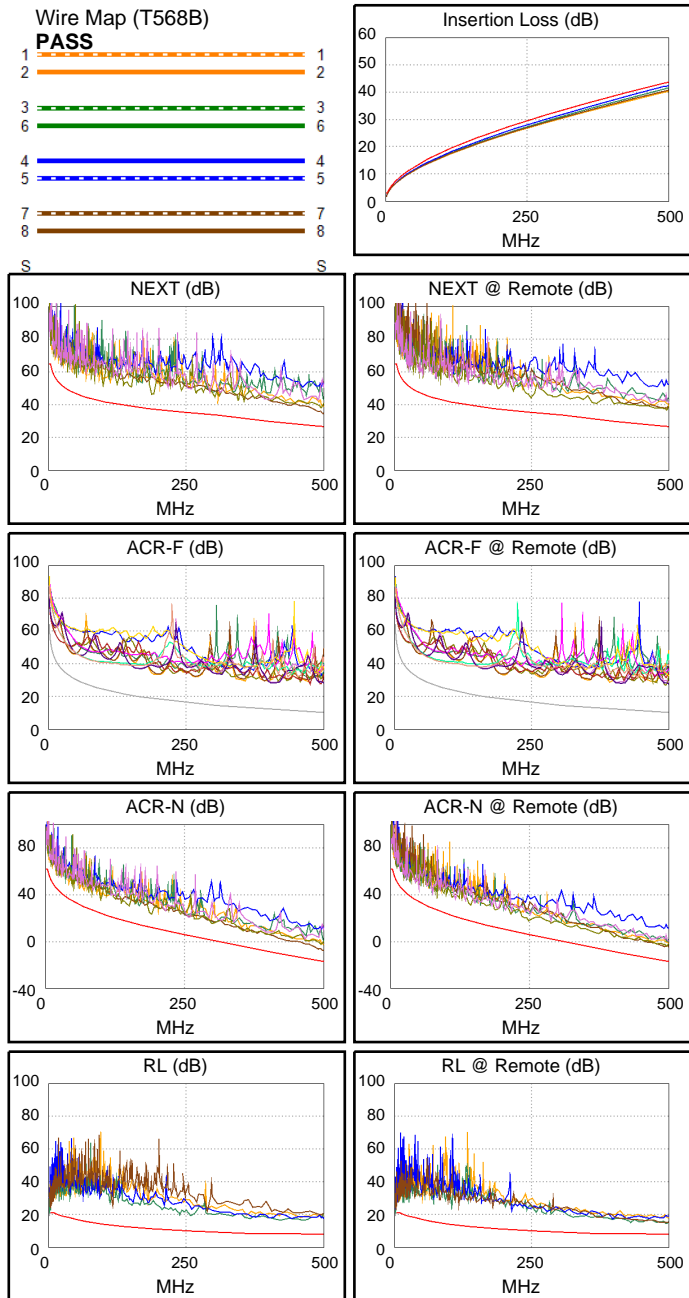
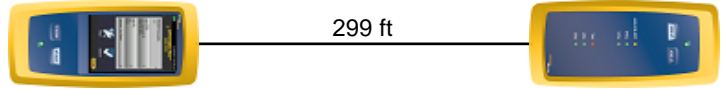
Test Summary: PASS

Date / Time: 10/14/2021 04:27:09 PM
Headroom 8.9 dB (NEXT 36-45) Test
 Limit: TIA Cat 6A Perm. Link Cable
 Type: Cat 6A U/UTP
 NVP: 68.2%

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 12]	299
Prop. Delay (ns), Limit 498	[Pair 36]	470
Delay Skew (ns), Limit 44	[Pair 36]	25
Resistance (ohms)	[Pair 36]	12.69
Insertion Loss Margin (dB)	[Pair 45]	1.3
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	43.8



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-78
NEXT (dB)	8.9	8.5	8.9	9.9
Freq. (MHz)	498.0	249.5	498.0	496.0
Limit (dB)	26.7	35.4	26.7	26.8
Worst Pair	36	36	36	36
PS NEXT (dB)	8.7	9.5	8.7	9.5
Freq. (MHz)	499.0	496.0	499.0	496.0
Limit (dB)	23.8	23.9	23.8	23.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	78-36	78-36
ACR-F (dB)	14.7	14.8	16.2	16.1
Freq. (MHz)	44.3	197.5	416.0	418.0
Limit (dB)	31.3	18.3	11.8	11.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	14.0	14.2	15.5	15.7
Freq. (MHz)	1.0	1.6	404.0	399.0
Limit (dB)	61.2	57.0	9.1	9.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-45
ACR-N (dB)	9.2	11.1	9.3	12.2
Freq. (MHz)	498.0	249.5	499.0	500.0
Limit (dB)	-16.9	5.9	-17.0	-17.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	10.7	11.7	10.9	11.7
Freq. (MHz)	497.0	496.0	499.0	496.0
Limit (dB)	-19.7	-19.7	-19.9	-19.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	6.1	6.4	7.7	6.4
Freq. (MHz)	4.5	495.0	458.0	495.0
Limit (dB)	21.0	8.0	8.0	8.0

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 10GBASE-T ATM-25
 ATM-51 ATM-155 100VG-AnyLan
 TR-4 TR-16 Active TR-16 Passive