



Cable ID: CAT5E DIRECT BURIAL WB/OSP PL

Date / Time: 11/05/2021 10:52:10 AM

Headroom 9.7 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

Test Summary: PASS

Model: DSX-5000

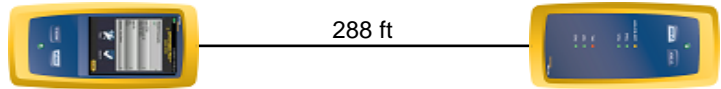
Main S/N: 3658026

Remote S/N: 3658040

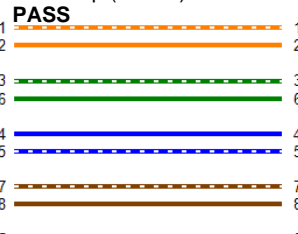
Main Adapter: DSX-PLA004

Remote Adapter: DSX-PLA004

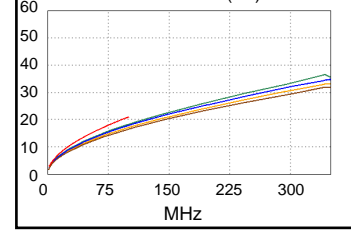
Length (ft), Limit 295	[Pair 78]	288
Prop. Delay (ns), Limit 498	[Pair 36]	441
Delay Skew (ns), Limit 44	[Pair 36]	17
Resistance (ohms)	[Pair 45]	17.47
Insertion Loss Margin (dB)	[Pair 36]	2.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0



Wire Map (T568B)

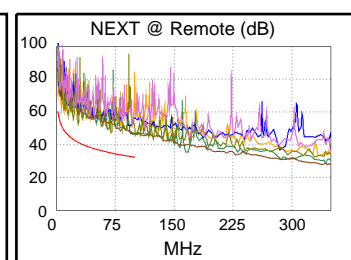
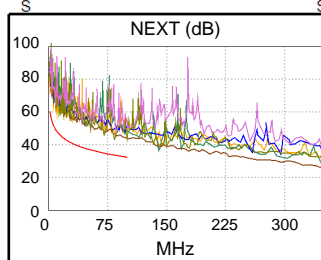


Insertion Loss (dB)

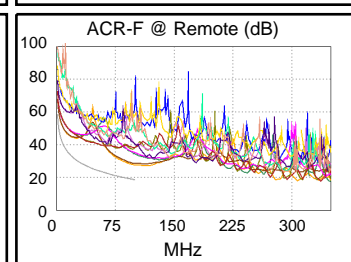
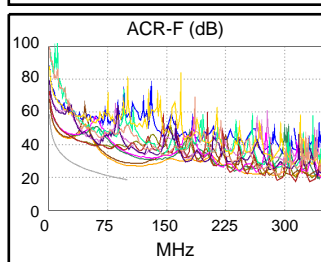


Worst Case Margin Worst Case Value

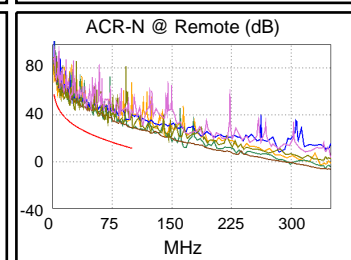
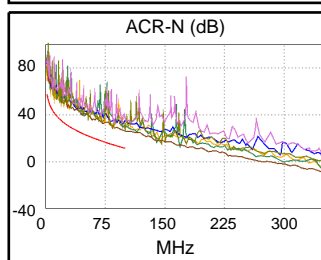
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-78	12-45
NEXT (dB)	9.7	10.2	11.0	14.0
Freq. (MHz)	83.8	6.3	100.0	100.0
Limit (dB)	33.6	51.7	32.3	32.3
Worst Pair	36	36	36	45
PS NEXT (dB)	10.1	11.6	11.3	13.9
Freq. (MHz)	84.0	10.4	100.0	100.0
Limit (dB)	30.5	45.2	29.3	29.3



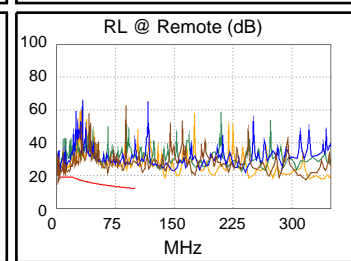
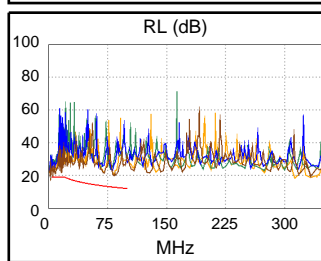
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-F (dB)	8.6	8.9	8.7	9.0
Freq. (MHz)	99.3	98.0	100.0	100.0
Limit (dB)	18.7	18.8	18.6	18.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	10.9	11.0	11.0	11.4
Freq. (MHz)	99.3	1.9	100.0	99.8
Limit (dB)	15.7	50.2	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	12-45
ACR-N (dB)	10.9	10.6	15.0	17.2
Freq. (MHz)	10.5	6.3	100.0	100.0
Limit (dB)	41.8	46.9	11.3	11.3
Worst Pair	36	36	36	45
PS ACR-N (dB)	12.1	12.2	14.0	17.1
Freq. (MHz)	10.5	10.4	100.0	100.0
Limit (dB)	38.8	38.9	8.3	8.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	1.2*	0.9*	6.2	0.9
Freq. (MHz)	4.0	5.3	82.5	5.3
Limit (dB)	19.0	19.0	12.8	19.0



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		

* Measurement is within the accuracy limits of the instrument.