



Cable ID: 0107240017

Test Limit: TIA Cat 6A Channel

Limits Version: V7.9

Date / Time: 02/07/2024 16:36:27

Operator: Ceit Ltd.

Headroom 15.4 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/FTP

NVP: 75.5%

Main: Versiv

S/N: 1737330

Software Version: V6.11 Build 2

Calibration Date: 25/10/2023

Adapter: DSX-8000 (DSX-CHA804)

S/N: 22210491

Test Summary: PASS

Remote: Versiv

S/N: 1737329

Software Version: V6.11 Build 2

Calibration Date: 25/10/2023

Adapter: DSX-8000R (DSX-CHA804)

S/N: 22210503

Length (m), Limit 100.0	[Pair 4,5]	100.3
Prop. Delay (ns), Limit 555	[Pair 7,8]	447
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms)	[Pair 1,2]	15.06
Insertion Loss Margin (dB)	[Pair 3,6]	5.8
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	49.3



100.3 m

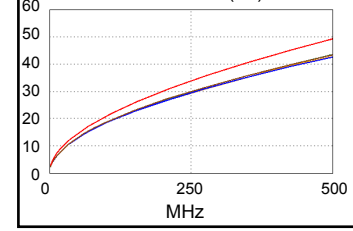


Wire Map (T568B)

PASS

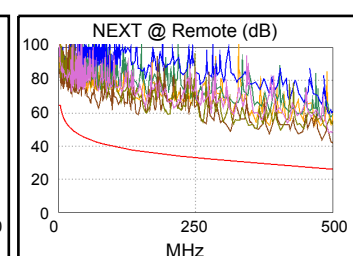
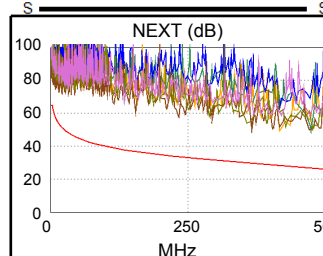


Insertion Loss (dB)

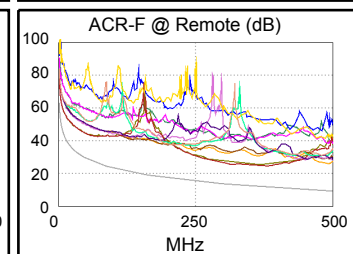
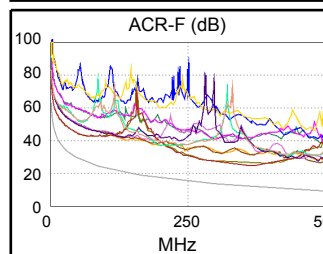


Worst Case Margin Worst Case Value

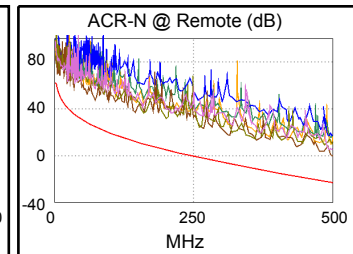
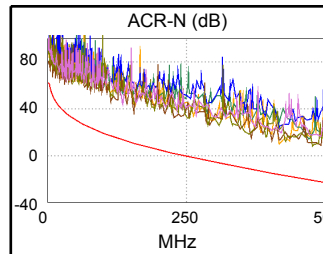
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	16.1	15.4	22.5	16.1
Freq. (MHz)	3.0	4.1	474.0	500.0
Limit (dB)	65.0	62.8	26.7	26.1
Worst Pair	3,6	3,6	3,6	4,5
PS NEXT (dB)	17.4	16.9	23.9	18.1
Freq. (MHz)	4.3	4.1	500.0	500.0
Limit (dB)	60.1	60.3	23.2	23.2



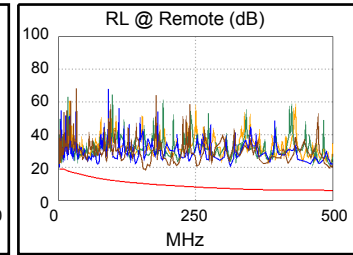
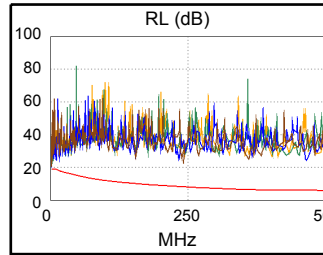
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	12.3	12.1	12.3	12.1
Freq. (MHz)	365.0	365.0	365.0	365.0
Limit (dB)	12.0	12.0	12.0	12.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.4	14.1	14.4	14.1
Freq. (MHz)	364.0	370.0	364.0	370.0
Limit (dB)	9.0	8.9	9.0	8.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	16.5	15.9	30.0	22.8
Freq. (MHz)	3.0	4.1	500.0	500.0
Limit (dB)	61.4	58.6	-23.2	-23.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	17.9	17.4	29.7	24.4
Freq. (MHz)	4.3	4.1	500.0	500.0
Limit (dB)	55.8	56.1	-26.1	-26.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	4,5	7,8
RL (dB)	6.0	6.5	18.4	8.6
Freq. (MHz)	2.6	2.6	465.0	158.5
Limit (dB)	19.0	19.0	6.0	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	