

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
GIGANET CAT6A UTP 23AWG CABLE FLUKE 10/26	PASS	TIA Cat 6A Channel	100.0 m	5.1 dB (NEXT)	10/26/2025 05:06 PM

Total Length:	100.0 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: GIGANET CAT6A UTP 23AWG CABLE FLUKE 10/26

Test Limit: TIA Cat 6A Channel

Limits Version: V7.11

Date / Time: 10/26/2025 05:06:32 PM

Operator: Mr.Shen

Headroom 5.1 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.5%

Main: Versiv

S/N: 2226112

Software Version: V6.13 Build 2

Calibration Date: 09/22/2022

Adapter: DSX-8000 (DSX-CHA804)

S/N: 22210374

Test Summary: PASS

Remote: Versiv

S/N: 2226111

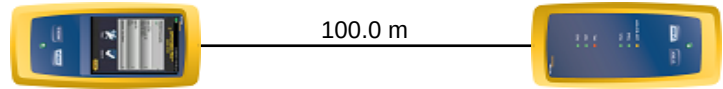
Software Version: V6.13 Build 2

Calibration Date: 09/22/2022

Adapter: DSX-8000R (DSX-CHA804)

S/N: 22210373

Length (m), Limit 100.0	[Pair 7,8]	100.0
Prop. Delay (ns), Limit 555	[Pair 4,5]	510
Delay Skew (ns), Limit 50	[Pair 4,5]	23
Resistance (ohms)	[Pair 3,6]	15.19
Insertion Loss Margin (dB)	[Pair 3,6]	2.8
Frequency (MHz)	[Pair 3,6]	494.0
Limit (dB)	[Pair 3,6]	49.0

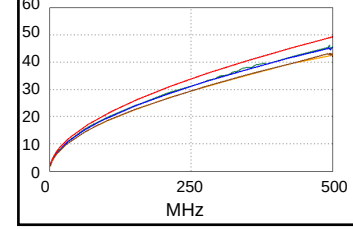


Wire Map (T568B)

PASS

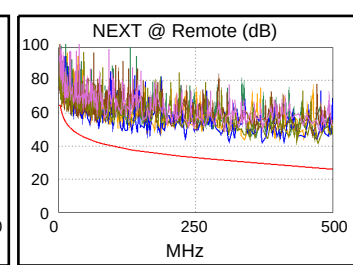
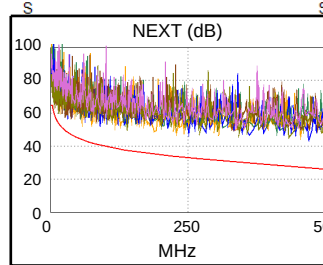


Insertion Loss (dB)

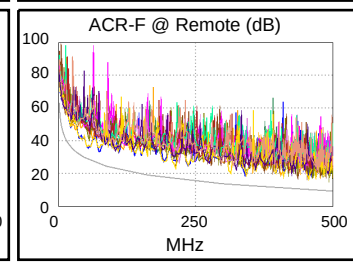
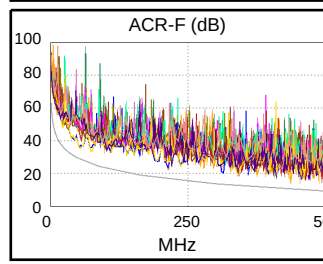


Worst Case Margin Worst Case Value

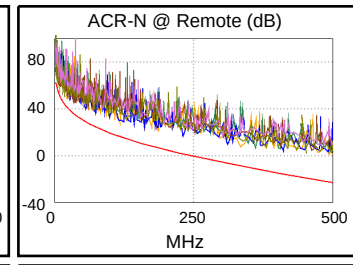
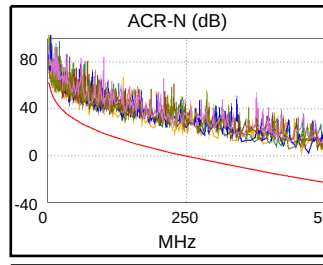
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-7,8	1,2-7,8
NEXT (dB)	6.2	5.1	16.9	11.5
Freq. (MHz)	6.4	3.5	469.0	373.0
Limit (dB)	59.8	64.0	26.9	29.6
Worst Pair	3,6	3,6	1,2	7,8
PS NEXT (dB)	6.2	5.5	19.2	13.5
Freq. (MHz)	6.4	3.5	498.0	372.0
Limit (dB)	57.2	61.5	23.3	26.6



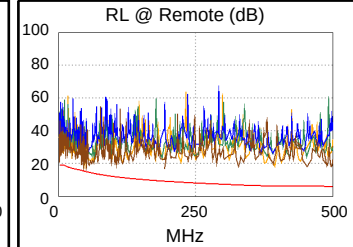
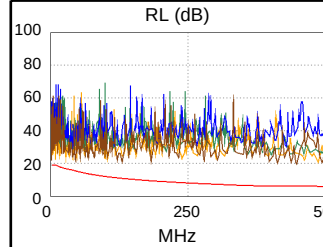
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	3,6-1,2
ACR-F (dB)	4.4	5.8	4.4	5.8
Freq. (MHz)	481.0	481.0	481.0	481.0
Limit (dB)	9.6	9.6	9.6	9.6
Worst Pair	3,6	1,2	3,6	1,2
PS ACR-F (dB)	6.3	8.0	6.4	8.1
Freq. (MHz)	481.0	453.0	500.0	469.0
Limit (dB)	6.6	7.1	6.3	6.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-3,6	3,6-7,8
ACR-N (dB)	6.9	5.6	23.3	20.8
Freq. (MHz)	6.3	3.5	497.0	473.0
Limit (dB)	54.8	60.1	-23.0	-21.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	6.7	6.0	25.2	20.1
Freq. (MHz)	6.4	3.5	498.0	474.0
Limit (dB)	52.0	57.6	-25.9	-24.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	7,8	7,8
RL (dB)	6.1	3.7	13.7	12.0
Freq. (MHz)	27.9	50.5	447.0	497.0
Limit (dB)	16.8	15.0	6.0	6.0



Compliant Network Standards:

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

100BASE-T4
5GBASE-T
ATM-51
ATM-155
TR-4