

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
CAT6A-FTP	PASS	TIA Cat 6A Channel	296 ft	22.7 dB (NEXT)	08/09/2026 12:33 PM

Total Length:	296 ft
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: CAT6A-FTP

Test Limit: TIA Cat 6A Channel

Limits Version: 1.9500

Date / Time: 08/09/2026 12:33:47 PM

Operator: Telemax

Headroom 22.7 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A F/UTP

NVP: 74.0%

Main: DTX CableAnalyzer

S/N: 1026029

Software Version: 2.7800

Calibration Date: 07/08/2024

Adapter: DTX-CHA002

S/N: MC3HMA2

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 9679128

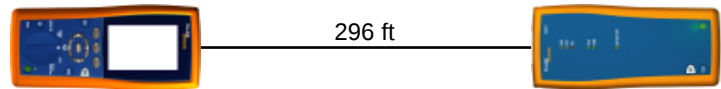
Software Version: 2.7800

Calibration Date: 07/08/2024

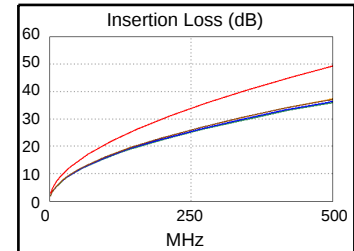
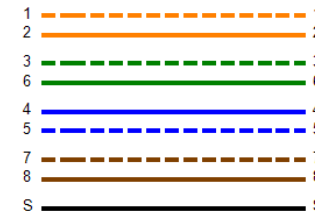
Adapter: DTX-CHA002

S/N: MBYJGLU

Length (ft), Limit 328	[Pair 7,8]	296
Prop. Delay (ns), Limit 555	[Pair 4,5]	415
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms)	[Pair 4,5]	13.4
Insertion Loss Margin (dB)	[Pair 1,2]	12.0
Frequency (MHz)	[Pair 1,2]	500.0
Limit (dB)	[Pair 1,2]	49.3

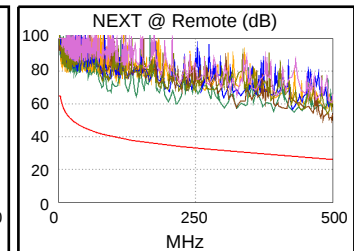
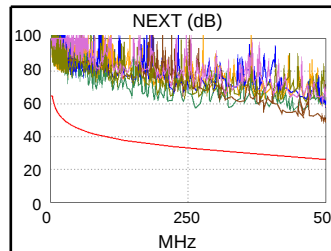


Wire Map (T568B)
PASS

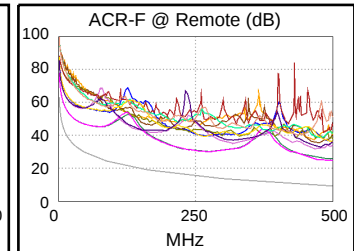
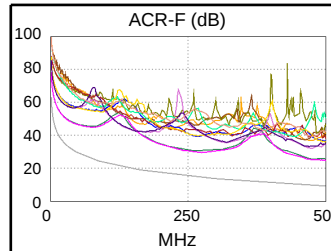


Worst Case Margin Worst Case Value

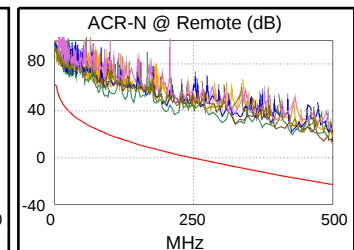
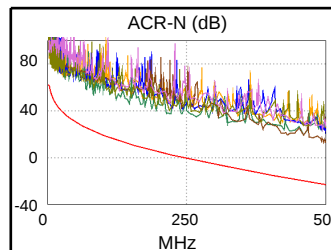
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	22.7	23.5	22.7	23.5
Freq. (MHz)	500.0	484.0	500.0	484.0
Limit (dB)	26.1	26.5	26.1	26.5
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	24.8	25.1	25.1	25.4
Freq. (MHz)	3.5	3.5	500.0	484.0
Limit (dB)	61.5	61.5	23.2	23.6



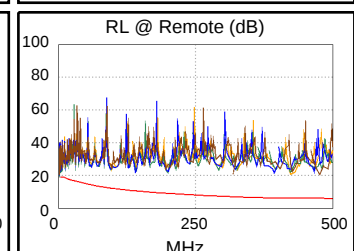
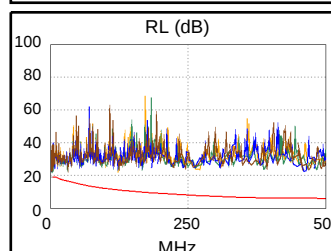
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	4,5-1,2	4,5-1,2	4,5-1,2
ACR-F (dB)	14.9	15.1	15.4	15.5
Freq. (MHz)	262.0	3.8	494.0	499.0
Limit (dB)	14.9	51.8	9.4	9.3
Worst Pair	1,2	1,2	1,2	4,5
PS ACR-F (dB)	17.4	17.3	18.0	18.0
Freq. (MHz)	262.0	1.1	494.0	481.0
Limit (dB)	11.9	59.2	6.4	6.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-4,5	3,6-4,5
ACR-N (dB)	25.5	25.4	35.6	36.8
Freq. (MHz)	3.4	3.9	500.0	498.0
Limit (dB)	60.4	59.2	-23.2	-23.1
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-N (dB)	25.8	26.1	38.1	39.0
Freq. (MHz)	3.5	3.5	500.0	498.0
Limit (dB)	57.6	57.6	-26.1	-25.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	4,5	1,2
RL (dB)	6.5	6.0	16.5	14.2
Freq. (MHz)	30.9	4.1	460.0	426.0
Limit (dB)	16.6	19.0	6.0	6.0



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	