



Cable ID: UTP CAT6A 10GBASE-T

Test Limit: 10GBASE-T

Limits Version: V7.4

Date / Time: 09/24/2024 04:29:58 PM

Operator: BROTHERS-Y

Headroom 3.2 dB (NEXT 1,2-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 2007003

Software Version: V6.4 Build 4

Calibration Date: 06/30/2020

Adapter: DSX-8000 (DSX-CHA804)

S/N: 19365840

Test Summary: PASS

Remote: Versiv

S/N: 2007009

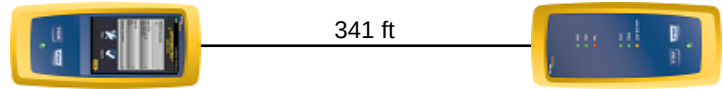
Software Version: V6.4 Build 4

Calibration Date: 06/30/2020

Adapter: DSX-8000R (DSX-CHA804)

S/N: 19221374

Length (ft), Limit 328	[Pair 7,8]	341
Prop. Delay (ns), Limit 555	[Pair 3,6]	547
Delay Skew (ns), Limit 50	[Pair 3,6]	39
Resistance (ohms), Limit 25.00	[Pair 3,6]	15.45
Insertion Loss Margin (dB)	[Pair 3,6]	7.4
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	53.4

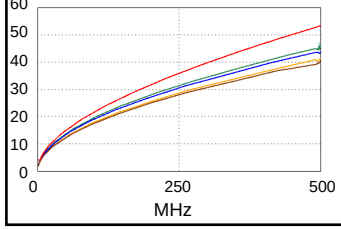


Wire Map (T568B)

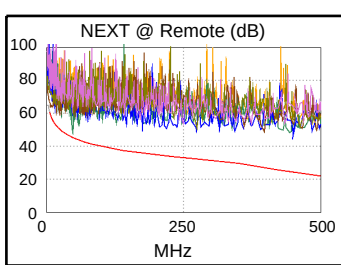
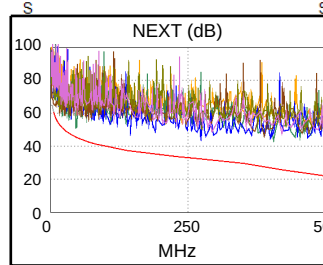
PASS



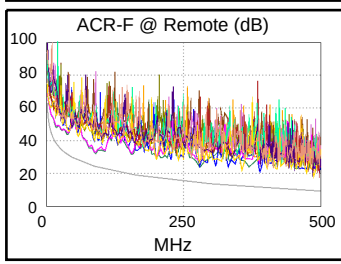
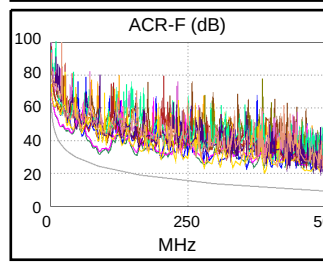
Insertion Loss (dB)



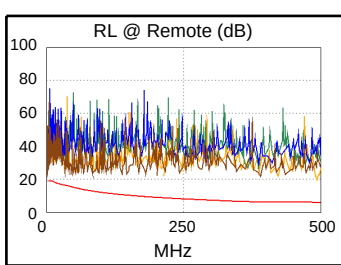
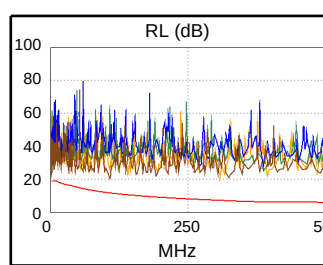
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	3.9	3.2	17.0	22.7
Freq. (MHz)	5.3	47.8	405.0	445.0
Limit (dB)	61.1	45.3	26.6	24.5
Worst Pair	3,6	4,5	1,2	1,2
PS NEXT (dB)	6.2	5.7	17.9	22.8
Freq. (MHz)	5.3	47.8	405.0	450.0
Limit (dB)	58.6	42.6	24.3	22.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	7,8-1,2	7,8-1,2
ACR-F (dB)	7.4	7.9	9.0	8.7
Freq. (MHz)	88.5	89.3	468.0	487.0
Limit (dB)	24.3	24.2	9.9	9.5
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-F (dB)	10.1	10.7	11.3	11.2
Freq. (MHz)	279.0	2.3	471.0	487.0
Limit (dB)	11.3	53.2	6.8	6.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	1,2
RL (dB)	8.3	7.2	8.8	13.6
Freq. (MHz)	3.4	34.0	108.0	493.0
Limit (dB)	19.0	16.3	11.7	6.0



Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T

10GBASE-T

ATM-155

TR-16 Active

2.5GBASE-T

ATM-25

100VG-AnyLan

TR-16 Passive

100BASE-T4

5GBASE-T

ATM-51

TR-4