



Cable ID: ATZ UTP CAT6.305M.GY

Test Limit: TIA Cat 6 Channel (+All)

Limits Version: V7.5

Date / Time: 03/09/2021 05:33:13 PM

Operator: ChenPY

Headroom 5.7 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 1914150

Software Version: V6.5 Build 5

Calibration Date: 11/05/2019

Adapter: DSX-8000 (DSX-CHA804)

S/N: 18362677

Test Summary: PASS

Remote: Versiv

S/N: 1914167

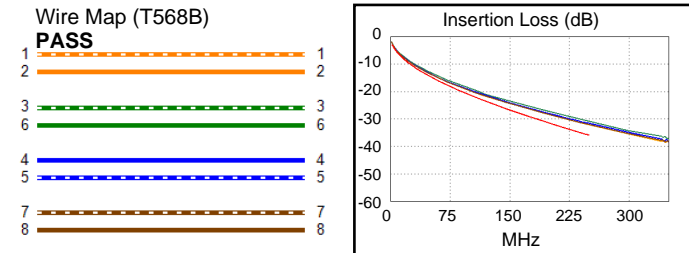
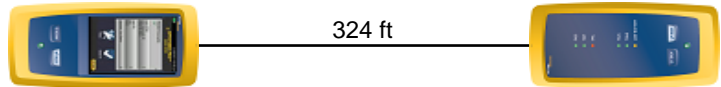
Software Version: V6.5 Build 5

Calibration Date: 11/05/2019

Adapter: DSX-8000R (DSX-CHA804)

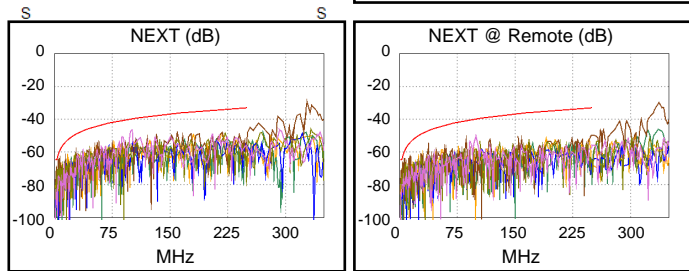
S/N: 18362867

Length (ft), Limit 328	[Pair 4,5]	324
Prop. Delay (ns), Limit 555	[Pair 1,2]	488
Delay Skew (ns), Limit 50	[Pair 1,2]	11
Resistance (ohms), Limit 25.00	[Pair 1,2]	18.11
Resist. Unbal. (ohms), Limit 0.530	[Pair 3,6]	0.271
Resist. P2P Unbal. (ohms), Limit 0.630	[Pair 1,2-3,6]	0.081
Insertion Loss Margin (dB)	[Pair 7,8]	3.9
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	35.9

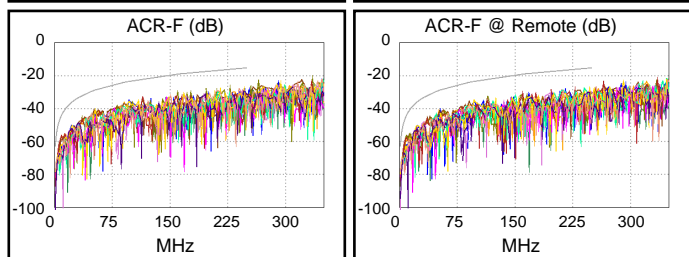


Worst Case Margin Worst Case Value

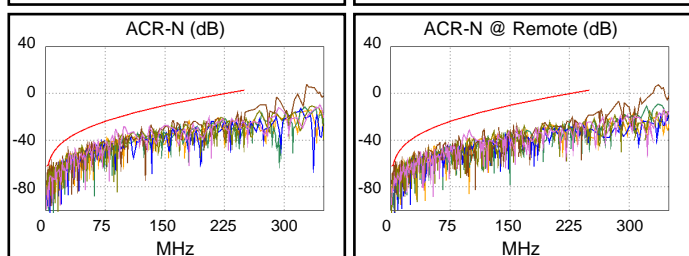
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	4,5-7,8	3,6-4,5
NEXT (dB)	5.7	5.7	6.6	15.9
Freq. (MHz)	4.5	2.9	100.5	248.5
Limit (dB)	62.2	65.0	39.9	33.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	5.9	6.0	13.2	17.9
Freq. (MHz)	3.1	2.9	218.5	246.0
Limit (dB)	62.0	62.0	31.2	30.3



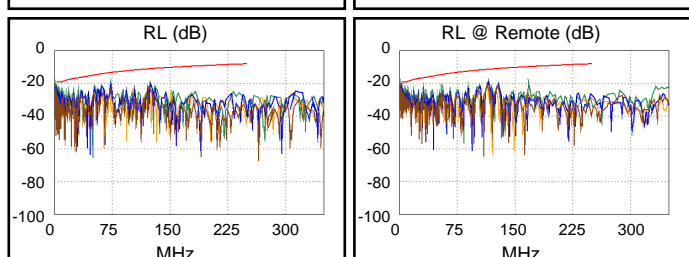
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	7,8-1,2	1,2-7,8
ACR-F (dB)	11.1	10.6	11.9	12.0
Freq. (MHz)	160.0	114.5	246.0	246.0
Limit (dB)	19.2	22.1	15.4	15.4
Worst Pair	1,2	7,8	4,5	7,8
PS ACR-F (dB)	11.7	11.6	12.0	11.6
Freq. (MHz)	53.0	246.0	229.0	246.0
Limit (dB)	25.8	12.4	13.1	12.4



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)	6.1	6.1	18.6	20.4
Freq. (MHz)	4.5	2.9	241.5	248.5
Limit (dB)	58.0	61.6	-1.8	-2.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	6.4	6.5	17.7	22.7
Freq. (MHz)	3.1	2.9	218.5	248.5
Limit (dB)	58.4	58.6	-2.0	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	4,5
RL (dB)	5.1	4.2	7.5	6.0
Freq. (MHz)	3.5	3.5	124.5	116.5
Limit (dB)	19.0	19.0	11.0	11.3



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



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S/N: 1914167

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Adapter: DSX-8000R (DSX-CHA804)

S/N: 18362867

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	3,6	3,6	3,6	3,6
TCL (dB)	4.5	4.8	23.0	19.9
Freq. (MHz)	4.1	4.1	172.5	173.0
Limit (dB)	40.0	40.0	16.4	16.4
N/A				
Worst Pair			1,2-3,6	1,2-3,6
CDNEXT (dB)			34.5	36.0
Freq. (MHz)			294.0	345.0
Limit (dB)				
N/A				
Worst Pair			7,8	7,8
CMRL (dB)			4.6	4.5
Freq. (MHz)			1.6	1.6
Limit (dB)				
PASS				
Worst Pair	1,2	1,2	3,6	3,6
ELTCTL (dB)	17.6	17.7	21.7	21.0
Freq. (MHz)	7.6	7.6	16.6	16.6
Limit (dB)	12.4	12.4	5.6	5.6

