

Cable ID 1/05 1/06

Summary

Test Limit TIA Cat 6 Channel Length 95 ft Headroom -23.4 dB (NEXT) **Date / Time** 11/23/2021 05:02 PM





Total Length: 95 ft
Number of Reports: 1
Number of Passing Reports: 0
Number of Failing Reports: 1
Number of Warning Reports: 0
Documentation Only: 0







Cable ID: 1/05 1/06 Test Limit: TIA Cat 6 Channel

Limits Version: 1.9300

Date / Time: 11/23/2021 05:02:30 PM

Operator: A

Headroom -23.4 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A FTP

NVP: 74.0%

Main: DTX CableAnalyzer S/N: 8727070

Software Version: 2.7400 Calibration Date: 05/10/2006

Adapter: DTX-CHA001 S/N: MBGSJDF

Test Summary: FAIL

Remote: DTX CableAnalyzer

S/N: 8727069

Software Version: 2.7400 Calibration Date: 05/10/2006

Adapter: DTX-CHA001 S/N: MBG1SUS

Length (ft), Limit 328	[Pair 1,2]	95
Prop. Delay (ns), Limit 555	[Pair 4,5]	133
Delay Skew (ns), Limit 50	[Pair 4,5]	2
Resistance (ohms)	[Pair 1,2]	52.6
Insertion Loss Margin (dB)	[Pair 7,8]	-81.0F
Frequency (MHz)	[Pair 7,8]	1.0
Limit (dB)	[Pair 7,8]	3.0
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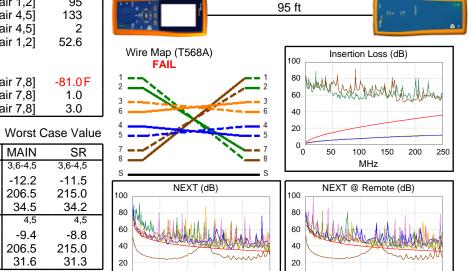
Worst Case Margin

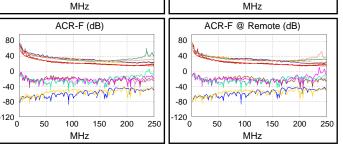
FAIL	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	-23.4F	-23.0F	-12.2	-11.5
Freq. (MHz)	7.9	8.0	206.5	215.0
Limit (dB)	58.3	58.2	34.5	34.2
Worst Pair	3,6	3,6	4,5	4,5
PS NEXT (dB)	-20.9F	-20.5 F	-9.4	-8.8
Freq. (MHz)	8.3	8.6	206.5	215.0
Limit (dB)	55.4	55.1	31.6	31.3

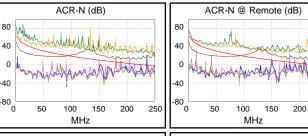
FAIL	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	7,8-1,2
ACR-F (dB)	-146.2F	-144.9F	-146.2	-120.2
Freq. (MHz)	1.0	1.0	1.0	19.1
Limit (dB)	63.3	63.3	63.3	37.6
Worst Pair	7,8	1,2	7,8	1,2
PS ACR-F (dB)	-143.2F	-143.2F	-143.2	-143.2
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	60.3	60.3	60.3	60.3

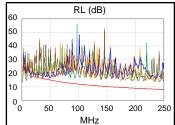
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N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-7,8	1,2-7,8	4,5-7,8
ACR-N (dB)	-71.7	-74.7	-63.8	-62.7
Freq. (MHz)	1.0	1.0	91.5	91.5
Limit (dB)	62.0	62.0	20.3	20.3
Worst Pair	1,2	1,2	7,8	7,8
PS ACR-N (dB)	-76.1	-78.7	-62.1	-62.7
Freq. (MHz)	19.1	19.1	91.5	91.5
Limit (dB)	40.5	40.5	17.5	17.5
			1	

FAIL	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	3,6	7,8
RL (dB)	-5.3F	-5.4F	4.3	3.9
Freq. (MHz)	1.0	8.0	232.5	226.0
Limit (dB)	19.0	19.0	8.3	8.5







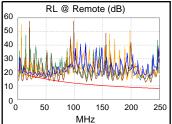


100

150

200

250



100

150

200

LinkWare™ PC Version 10.7

250

Project: DEFAULT Untitled1

Site: RN-LAB Page 3

