



Cable ID: CAT6 5FT UTP

Test Limit: TIA Cat 6 Channel

Limits Version: V7.5

Date / Time: 05/19/2020 02:25:57 PM

Operator: TECH

Headroom 15.0 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 1938032

Software Version: V6.5 Build 5

Calibration Date: 03/09/2020

Adapter: DSX-8000 (DSX-CHA804)

S/N: 19365501

Test Summary: PASS

Remote: Versiv

S/N: 1938033

Software Version: V6.5 Build 5

Calibration Date: 03/09/2020

Adapter: DSX-8000R (DSX-CHA804)

S/N: 19365522

Length (ft), Limit 328	[Pair 1,2]	6
Prop. Delay (ns), Limit 555	[Pair 3,6]	8
Delay Skew (ns), Limit 50	[Pair 1,2]	0
Resistance (ohms)	[Pair 7,8]	0.20
Insertion Loss Margin (dB)	[Pair 3,6]	35.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

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)	15.7	15.0	33.6	33.0
Freq. (MHz)	4.4	4.8	239.0	218.5
Limit (dB)	62.4	61.8	33.5	34.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	17.6	16.2	34.6	34.5
Freq. (MHz)	5.3	3.4	237.5	217.5
Limit (dB)	58.6	61.7	30.5	31.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	18.8	18.8	21.7	21.6
Freq. (MHz)	61.0	61.0	250.0	250.0
Limit (dB)	27.6	27.6	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	20.6	20.2	23.4	22.7
Freq. (MHz)	1.0	1.0	250.0	250.0
Limit (dB)	60.3	60.3	12.3	12.3

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)	19.9	18.9	68.1	65.7
Freq. (MHz)	4.4	3.4	239.0	218.5
Limit (dB)	58.2	60.5	-1.5	0.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	21.6	19.9	68.9	67.0
Freq. (MHz)	3.5	3.4	237.5	217.5
Limit (dB)	57.7	58.0	-4.3	-1.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	7,8	1,2
RL (dB)	11.5	11.4	12.9	15.7
Freq. (MHz)	35.3	35.0	250.0	250.0
Limit (dB)	16.3	16.3	8.0	8.0

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		

