



Cable ID: VIDI-KAB-UTP-5-ECA

Test Limit: TIA Cat 5e Channel

Limits Version: 1.9500

Date / Time: 08/29/2022 11:12:05 AM

Operator: SHEN YI XIN

Headroom 4.4 dB (NEXT 3,6-7,8)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: DTX CableAnalyzer

S/N: 1946049

Software Version: 2.7800

Calibration Date: 02/02/2012

Adapter: DTX-CHA002

S/N: MC5LPK7

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 1946050

Software Version: 2.7800

Calibration Date: 02/02/2012

Adapter: DTX-CHA002

S/N: MC5LPFP

Length (m), Limit 100.0	[Pair 4,5]	94.7
Prop. Delay (ns), Limit 555	[Pair 1,2]	469
Delay Skew (ns), Limit 50	[Pair 1,2]	11
Resistance (ohms)	[Pair 1,2]	22.0
Insertion Loss Margin (dB)	[Pair 1,2]	5.1
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-3,6
NEXT (dB)	4.4	5.0	6.6	8.0
Freq. (MHz)	12.3	18.1	83.0	99.0
Limit (dB)	45.5	42.7	31.5	30.2
Worst Pair	7,8	3,6	7,8	3,6
PS NEXT (dB)	5.6	6.5	8.6	9.9
Freq. (MHz)	12.1	18.0	84.5	96.8
Limit (dB)	42.6	39.7	28.3	27.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	7,8-1,2	7,8-1,2	1,2-7,8
ACR-F (dB)	4.8	5.1	7.6	8.1
Freq. (MHz)	57.0	60.5	98.3	98.3
Limit (dB)	22.3	21.8	17.6	17.6
Worst Pair	1,2	7,8	7,8	7,8
PS ACR-F (dB)	7.2	6.9	7.8	7.5
Freq. (MHz)	57.0	64.8	84.5	79.3
Limit (dB)	19.3	18.2	15.9	16.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-3,6
ACR-N (dB)	6.0	7.1	14.3	13.7
Freq. (MHz)	12.3	18.1	98.8	99.0
Limit (dB)	37.6	33.0	6.3	6.3
Worst Pair	7,8	7,8	3,6	1,2
PS ACR-N (dB)	7.2	8.5	15.9	15.8
Freq. (MHz)	12.1	2.9	96.0	99.3
Limit (dB)	34.8	49.1	3.9	3.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	4,5	4,5
RL (dB)	1.6	1.5	4.6	4.1
Freq. (MHz)	3.8	3.8	61.0	51.3
Limit (dB)	17.0	17.0	12.2	12.9

Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-51 ATM-155

TR-4 TR-16 Active

100BASE-T4

ATM-25

100VG-AnyLan

TR-16 Passive



94.7 m

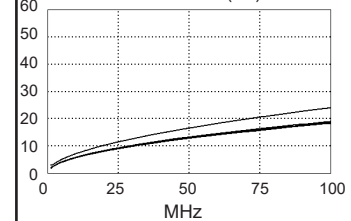


Wire Map (T568B)

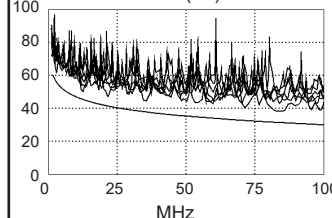
PASS



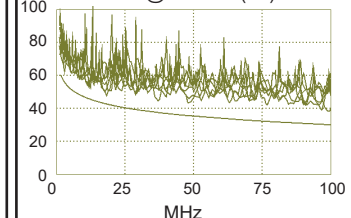
Insertion Loss (dB)



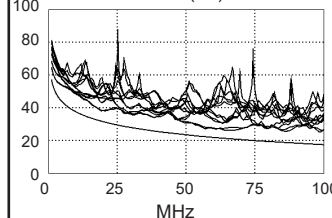
NEXT (dB)



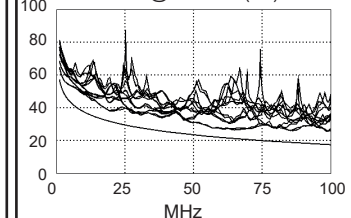
NEXT @ Remote (dB)



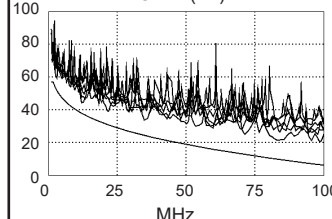
ACR-F (dB)



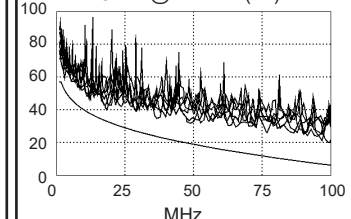
ACR-F @ Remote (dB)



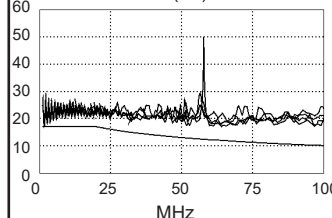
ACR-N (dB)



ACR-N @ Remote (dB)



RL (dB)



RL @ Remote (dB)

