

Copper Certification Report

Pass

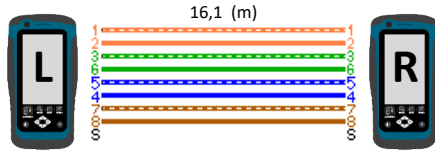


Cable Label: NG LAN CCAG

Date & Time: 30-10-2024 11:08:15 PM Site: new
 Limit Type: TIA - Cat 5e Permanent Link Building:
 Cable Name: CAT 5e UTP Floor:
 Cable Manufacturer: Generic UTP Room:
 Connector Name: UTP Mod Jack 5E Rack:
 Connector Manufacturer: Generic Unshielded Panel:

Device Name: Wx-500 Operator Name: Softing
 Local Device S/No.: tw20305763 Remote Device S/No.: tw20305764
 Local Adapter Type: Cat 6A Link Remote Adapter Type: Cat 6A Link
 Local Adapter S/No.: pa0210-5763 Remote Adapter S/No.: pa0210-5764
 Local Calibration Date: 15-04-2024 Remote Calibration Date: 15-04-2024
 Device Firmware Version: 9.0 Reporting Software Version: Build_#1526_9.0_2021-05-11_16-15-05

Wiremap: Pass

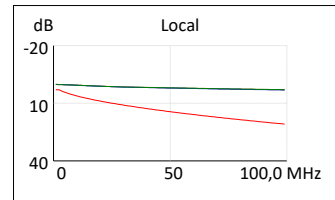


	Value	Limit	Margin
Length (m):	16,1	90,0	73,9
Cable NVP:	68,0	-	-
Propagation Delay (ns):	81,0	498,0	417,0
Delay Skew (ns):	2,0	44,0	42,0
DC Loop Resistance (Ohms):	5,92	21,00	15,08

Wiremap: T568B

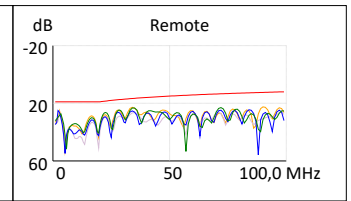
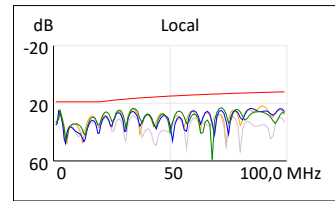
Insertion Loss: Pass

	Worst Margin:	Worst Value:
Local:	Local:	
Pair:	12	36
Value (dB):	0,3	3,1
Limit (dB):	3,0	20,8
Margin (dB):	2,7	17,7
Frequency (MHz):	1,60	98,50



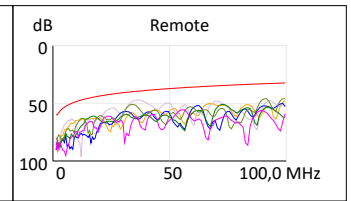
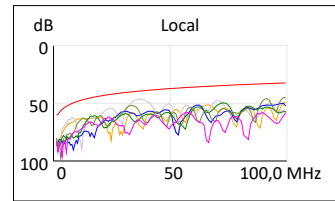
Return Loss: Pass

	Worst Margin:	Worst Value:
Local:	Remote:	Local: Remote:
Pair:	45 12	12 12
Value (dB):	23,6 23,1	21,9 22,5
Limit (dB):	12,1 12,1	12,5 12,5
Margin (dB):	11,5 11,0	9,4 10,0
Frequency (MHz):	97,25 97,00	89,25 90,00



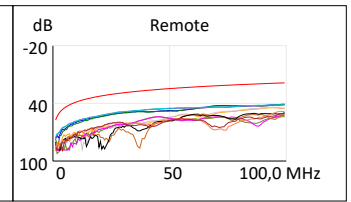
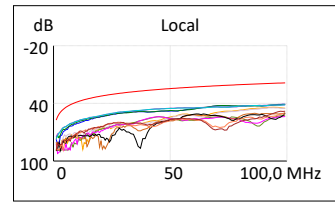
NEXT: Pass

	Worst Margin:	Worst Value:
Local:	Remote:	Local: Remote:
Pair:	12-45 12-45	36-78 12-45
Value (dB):	46,3 47,1	43,9 47,1
Limit (dB):	39,5 39,6	32,4 39,6
Margin (dB):	6,8 7,5	11,5 7,5
Frequency (MHz):	36,50 35,75	99,25 35,75



ACR-F: Pass

	Worst Margin:	Worst Value:
Local:	Remote:	Local: Remote:
Pair:	45-78 45-78	12-45 45-12
Value (dB):	65,5 65,2	40,7 40,8
Limit (dB):	46,6 46,3	18,6 18,6
Margin (dB):	18,9 18,9	22,1 22,2
Frequency (MHz):	4,00 4,15	100,00 100,00



PS-NEXT: Pass

PS-ACRF: Pass

	Worst Margin:	Worst Value:	Worst Margin:	Worst Value:
Local:	Remote:	Local:	Remote:	Local: Remote:
Pair:	12 12	36 36	45 45	45 45
Value (dB):	46,1 46,9	42,4 43,7	74,0 72,6	37,8 37,8
Limit (dB):	36,5 36,7	29,4 29,3	55,6 54,4	15,6 15,6
Margin (dB):	9,6 10,2	13,0 14,4	18,4 18,2	22,2 22,2
Frequency (MHz):	36,50 35,25	99,25 99,50	1,00 1,15	100,00 100,00

Network Compliance: 10BASE-T, 100BASE-T, 1000BASE-T