

Category 6 Unshielded 48 Port Patch Panel



Summary

This is our highest-performance, Category 6, Unshielded, 48 Port Patch Panel. This is a 19 inch, rack mountable unit equipped with RJ-45/RJ-11 ports. In addition to having permanently numbered ports, it has removable panels with plain paper for easy labeling.

Standards & Applications

North America:

- [ANSI/TIA/EIA-568-A&B Category 6](#)
- [ANSI/TIA/EIA-TSB-40](#)

International:

- [ISO/IEC 11801-2nd Ed. Category 6](#)
- [CENELEC Generic Cabling Standard EN50173](#)

Applications:

- IEEE 802.3 - 1000BASE-T - 1 Gb/s
- TIA/EIA-854 - 1000BASE-TX - 1 Gb/s
- ATM - 155 Mb/s - 155 Mb/s
- IEEE 802.3 - 100BASE-TX - 100 Mb/s
- CDDI - 100 Mb/s - 100 Mb/s
- IEEE 802.3 - 10BASE-T - 10Mb/s
- IP Broadband Video
- Voice over IP (VoIP)
- Power over Ethernet (PoE)

Specifications

Wire Diameter:

- 22~26 AWG

Termination:

- 110 Type or Krone Type

Materials:

- Steel Front Plate

Features:

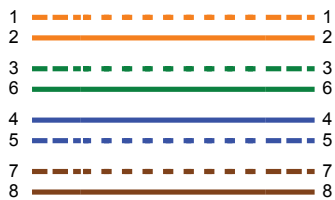
- Designed to Mount to any Standard 19" Rack or Cabinet
- Optimized Spacing Between Port Rows for Better Routing
- Color Coded Wiring (ANSI/TIA/EIA-568-A&B Category 6)
- Bold Port Numbering for Easy Identification
- Dielectric Withstand Voltage: 1000 VAC RMS, 60Hz 1min



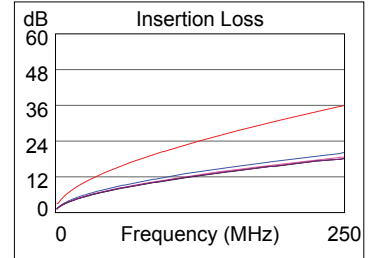
Category 6 Unshielded 48 Port Patch Panel Test Results

Category 6 Unshielded 48 Port Patch Panel - Headroom: 4.0 dB (NEXT 36-45)

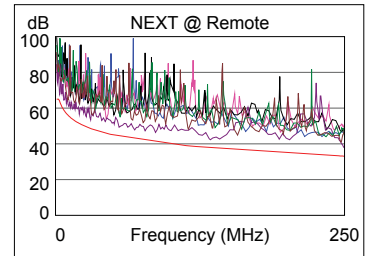
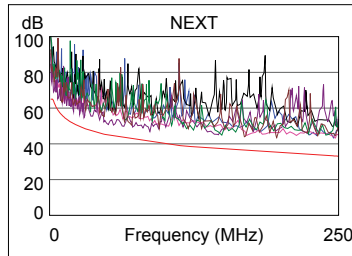
PASS NVP: 69.0%



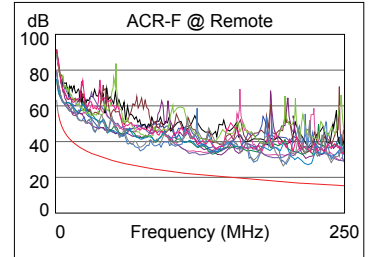
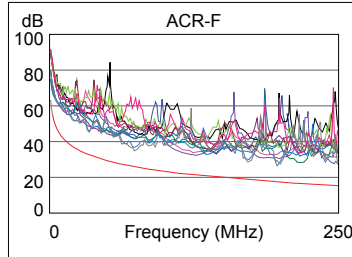
Length (ft), Limit 328	[Pair 78]	191
Prop. Delay (ns), Limit 555		300
Delay Skew (ns), Limit 50		18
Resistance (ohms)	[Pair 12]	9.6
Insertion Loss Margin (dB)	[Pair 12]	15.8
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



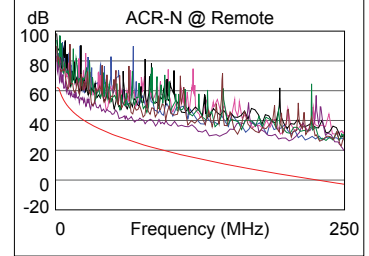
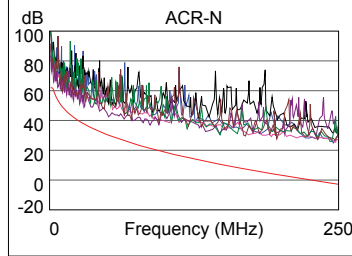
Worst Case Margin	Worst Case Value	
	MAIN	SR
PASS	MAIN	SR
Worst Pair	36-45	36-45
NEXT (dB)	4.2	4.0
Freq. (MHz)	3.6	3.6
Limit (dB)	63.7	63.7
Worst Pair	45	45
PS NEXT (dB)	5.9	5.7
Freq. (MHz)	3.5	11.4
Limit (dB)	61.5	53.1



Worst Case Margin	Worst Case Value	
	MAIN	SR
PASS	MAIN	SR
Worst Pair	78-45	45-78
ACR-F (dB)	8.9	8.8
Freq. (MHz)	73.0	73.0
Limit (dB)	26.0	26.0
Worst Pair	45	45
PS ACR-F (dB)	11.0	10.6
Freq. (MHz)	73.0	197.0
Limit (dB)	23.0	14.4



Worst Case Margin	Worst Case Value	
	MAIN	SR
N/A	MAIN	SR
Worst Pair	36-45	36-45
ACR-N (dB)	6.0	5.8
Freq. (MHz)	3.6	3.6
Limit (dB)	59.9	59.9
Worst Pair	36	36
PS ACR-N (dB)	7.7	7.7
Freq. (MHz)	3.6	3.6
Limit (dB)	57.4	57.4



Worst Case Margin	Worst Case Value	
	MAIN	SR
PASS	MAIN	SR
Worst Pair	12	45
RL (dB)	6.1	4.7
Freq. (MHz)	34.8	207.5
Limit (dB)	16.3	8.8

