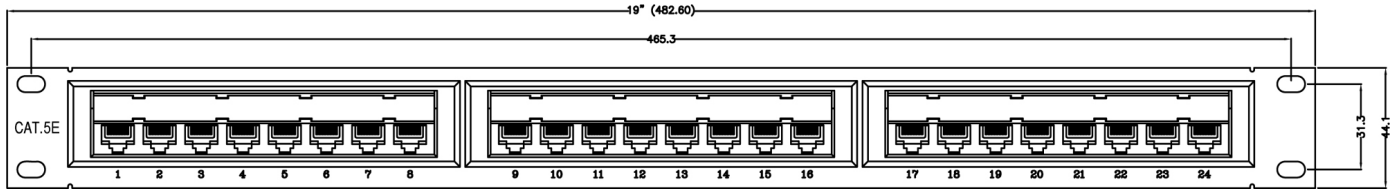


# MK-FOUR CAT 5E 24 PORT IDC PATCH PANEL



## DESCRIPTION

- MK-FOUR™ Category 5e Patch Panel exceeds TIA/EIA-568-B.2 and ISO/IEC 60603-7 requirements for Category 5e/ Class D component performance. The MK-FOUR™ Category 5e System complies with all of the performance requirements for current and proposed applications such as 10 and 100BASE-TX, token ring, 155 Mbps ATM, 100 Mbps TP-PMD, ISDN, analog and digital video and analog and digital voice (VoIP).

## SPECIFICATIONS

Part No.	PPM-5110
Panel Material	1.6mm thickness Metal, Black color
Jack Module	8P8C 8 Port
Connector	New Version 110D connectors, for KRONE & Impact tool IDC Accept 22-26 AWG Wire
P.C.Board	FR4 1.6mm
Screw	Round head
Jack Wiring	50u"/ 127um of gold over 100u"/ 2.54um of Nick

## ELECTRICAL

Current Rating	1.5 Amps
Insulation Resistance	500 million Ohms minimum
Contact Resistance	20 million Ohms maximum
DC Resistance	0.1 Ohm maximum

## Worst-Case Performance Characteristics

(exceed EIA/TIA and ISO/IEC Category 5e requirements)

Frequency MHz	Insertion Loss dB		Return Loss dB		NEXT dB		FEXT dB	
	Category 5e Standard	Max	Category 5e Standard	Min	Category 5e Standard	Min	Category 5e Standard	Min
1	0.1	0.01	30.0	58.3	65.0	87.3	65.0	86.6
4	0.1	0.02	30.0	48.8	65.0	76.6	63.1	76.1
8	0.1	0.03	30.0	43.7	64.9	70.7	57.0	70.5
10	0.1	0.02	30.0	42.2	63.0	69.1	55.1	68.9
16	0.2	0.10	30.0	38.5	58.9	64.8	51.0	65.3
20	0.2	0.08	30.0	36.7	57.0	63.0	49.1	63.5
25	0.2	0.06	30.0	35.0	55.0	61.1	47.1	61.7
31.25	0.2	0.04	30.0	33.1	53.1	58.9	45.2	60.0
62.5	0.3	0.06	24.1	27.5	47.1	52.6	39.2	54.7
100	0.4	0.08	20.0	24.0	43.0	47.6	35.1	51.0

## TECHNICAL DETAILS

### Materials

Connector Housing Interface (8 Pack Module)	Polyester molding compound, black
Patch Panel Contact	Phosphor bronze, nickel under-plate with bright tin-lead plating
Panel	Steel, black powder coat
Screws	12-24 x 0.5 in. [12.7mm], black 10-32 x 0.5 in. [12.7mm], carbon steel, cross recessed