

## NMC-RP48SE2-1U-MT

Shielded patch panel, 48 ports, 19", 1U, Cat.6, RJ45 /8P8C, 110/KRONE, T568A/B



Shielded Patch Panels are designed for connecting different SCS subsystems and network equipment to each other with patch cords. NIKOMAX shielded patch panel are intended for installation in a 19" cabinet or rack. NIKOMAX NMC-RP48SE2-1U-MT (Cat.6), high-density panels with shielded housings are intended for installation in 19" cabinets and racks. The panel contain 48 port RJ45/8P8C at a standard height of 1U only. This solution is ideal when it is necessary to provide a high port density (e.g., data centers) or to extend the network in the limited space of the cabinet. Universal IDC contacts for 110 / KRONE type knives are located on the rear side of panels . There are two wiring standards: T568 A and B. A built-in organizer for secure fastening of cables.

### Ordering Table

P/N	Cat.	Number of ports	Height, U	Individual package		Freight package		
				Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMC-RP48SE2-6		48	1(44)	510 x 110 x 80	2.3	5 pcs	515 x 375 x 240	12.7

## Detailed characteristics

Characteristic	Value
Category	6
Bandwidth, MHz	250
Connection style	Shielded
Connector type	RJ45 / 8P8C
Contact coating material	Gold (50 micro-inches) over nickel (100 micro-inches)
IDC Contact material	Phosphor bronze
IDC coating material	Tin (100 micro-inches)
Insulation resistance	Not less than 500 M
Maximum load-bearing capacity	Up to 1000 V, 60 Hz for 1 minute
Contact resistance, $\mu\Omega$	Not more than 20
IDC Contact resistance, $\mu\Omega$	Not more than 2.5
Permissible diameter of conductors	~24-22 AWG (0.50-0.65 mm)
Depth in rack (with organizer), mm	123 mm
Number of ports	48
Type of IDC contacts (seal)	110/KRONE
Number of cable connections	Not less than 750
Warranty	5 years - extended; 25 years - as part of the NIKOMAX SCS certified
Packaging	Individual - cardboard box
Temperature ranges	Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C
Material of the supporting structure	Steel 1.5 mm
Height	1U
Outside dimension (LxWxH)	19" Cabinet or rack
Compliance	ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10G-BASE-T (55M for Cat. 6), ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive
Color	Metallic (Nickel)
Connector material	Phosphor bronze