

NMC-RP24SD2-1U-MT

Shielded patch panel, 24 ports, 19 ", 1U, Category 5e



Shielded Patch Panels are designed for connecting different SCS subsystems and network equipment to each other with patch cords.

NIKOMAX NMC-RP24SA2-1U-MT (Cat. 6A), NMC-RP24SE2-1U-MT (Cat.6) and NMC-RP24SD2-1U-MT (CAT5) patch panels are made in stainless steel, fully shielded enclosures. They are designed for installation in 19 " cabinets and racks. The panels have a standard height of 1U and can accommodate 24 port RJ45 / 8P8C. 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.

Shielded cable are grounded in pairs on the screw terminals. The cassette provided the 9th ground to IDC-contact - speci cally for the drain wire of the cable which both sides of the PCB have a common ground bus. For better shielding against electromagnetic interference and improve communication with unpainted rails cabinet, steel body panels are galvanized with nickel. A built-in organizer for secure fastening of cables.

Ordering Table

P/N	Cat.	Number of	Height, U	Individual package		Freight package		
		ports		Dimensions,	Weight, kg	Quantity	Dimensions,	Weight, kg
				mm		•	mm	
NMC-RP24	SD2-5e	24	1	510x110x80	1.44	10 pcs.	515x375x240	16.9



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Detailed characteristics

Characteristic	Value				
Category	5e				
Bandwidth, MHz	100				
Diameter of conductors, AWG	~24-22 AWG (0.50-0.65 mm)				
Connection style	Fully shielded				
Compliance	Exceeds the requirements of the standards: ISO / IEC 11801, EN 50173 and ANSI / TIA -568-C.2				
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10G-BASE-T (For Cat. 6), ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive				
Temperature ranges	Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C				
Individual packing	Cardboard box				
Warranty	5 years - extended; 25 years - as part of the NIKOMAX SCS certified				
Number of ports	24				
Height, U	Ī				
Connector type	RJ45/8P8C				
Connector material in connector	Phosphor bronze				
Contact coating material	Gold (50 micro-inches) over nickel (100 micro-inches)				
Number of cable connections	Not less than 750				
Type of IDC contacts (seal)	110/KRONE				
Layout diagram	T568A/B				
IDC Contact material	Phosphor bronze				
IDC coating material	Tin (100 micro-inches)				
Plastic material	High-strength, non- fammable, meets UL94V-0				
Marking	All ports are numbered, there are additional labeling area				
Installation	19" Cabinet or rack				
Depth in rack, mm	100				
Material of the supporting structure	Galvanized steel: body - 1.5mm; cover - 1 mm.				
Protection level	Metallic (Nickel)				
Insulation resistance	Not less than 500 M ohms (at constant voltage of 100 V)				
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				