

## NMC-RP24SA2-1U-MT

Shielded patch panel, 24 ports, 19", 1U, Category 6A



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 - specially 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 ports	Height, U	Individual package]		Freight package		
				Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMC-RP24SA2-6A		24	1	510x110x80	1.44	10 pcs.	515x375x240	16.9

## Detailed characteristics

Characteristic	Value
Category	6A
Bandwidth, MHz	500
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	1
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- flammable, 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