

## NMC-RP24SE2-1U-MT

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



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 ports | Height, U | Individual package |            | Freight package |                |            |
|---------------|------|-----------------|-----------|--------------------|------------|-----------------|----------------|------------|
|               |      |                 |           | Dimensions, mm     | Weight, kg | Quantity        | Dimensions, mm | Weight, kg |
| NMC-RP24SE2-6 |      | 24              | 1         | 510x110x80         | 1.44       | 10 pcs.         | 515x375x240    | 16.9       |

## Detailed characteristics

| Characteristic                       | Value   |
|--------------------------------------|---|
| Category                             | 6   |
| Bandwidth, MHz                       | 250   |
| 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   |