

NMC-RP24UE2-1U-BK

Unshielded patch panel, 24 ports, 19", 1U, Category 6



Unshielded Patch Panels are designed for connecting different SCS subsystems and network equipment to each other with patch cords. NIKOMAX unshielded patch panel are in black and are intended for installation in a 19" cabinet or rack.

- NIKOMAX NMC-RP24UE2-1U-BK (Cat.6) and NMC-RP24UD2-1U-BK (Cat.5e) have a standard height of 1U and accommodates 24 ports RJ45 / 8P8C.
- NIKOMAX NMC-RP48UE2-2U-BK (Cat.6) and NMC-RP48UD2-2U-BK (Cat.5e) is a version of 2U, 48-port RJ45 / 8P8C and are more cost-effective solution.

On the back of the patch panels are contacts for 110 type knives and are color coded on two standards: T568 A and B. A special contact design also allows for terminating cables by KRONE-type knives. For ease of administration, all ports are numbered, and there are additional areas for labeling.

The patch panels offer convenient detachable organizers for routing incoming cables. For administrative convenience, it is also recommended for every 48-port patch panels additionally put organizer for stacking patch cords.

Ordering Table

| P/N | Cat. | Number of ports | Height, U | Individual package | | Freight package | | |
|---------------|------|-----------------|-----------|--------------------|------------|-----------------|----------------|------------|
| | | | | Dimensions, mm | Weight, kg | Quantity | Dimensions, mm | Weight, kg |
| NMC-RP24UE2-6 | | 24 | 1 | 510x80x60 | 0.6 | 15 pcs. | 515x375x240 | 11.6 |

Detailed characteristics

| Characteristic | Value |
|---|---|
| Category | 6 |
| Bandwidth, MHz | 250 |
| Connection style | Unshielded |
| 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 marking areas |
| Installation | 19" Cabinet or rack |
| Material of the supporting structure | Steel 1.5 mm |
| Protection level | Black |
| 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 |
| Contact resistance, $\mu\Omega$ | Not more than 2.5 |
| Permissible diameter of conductors | ~24-22 AWG (0.50-0.65 mm) |
| Depth in rack, without / with organizer, mm | 30/80 |