

## NMC-RP24UE2-AN-1U-BK

Unshielded patch panel with angled ports, 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.

A feature of the series of panels «AN» are angled ports that allow you to conveniently distribute patch cords in hand, and fix them on the vertical cable organizer. This solution eliminates the need for standard cable shunting rings and save valuable space in the cabinet.

- NIKOMAX NMC-RP24UE2-AN-1U-BK (Cat. 6) and NMC-RP24UD2-AN-1U-BK (Cat.5e) for up to 24 ports RJ45 / 8P8C at the height of 1U;
- NIKOMAX NMC-RP48UE2-AN-2U-BK (Cat. 6) and NMC-RP48UD2-AN-2U-BK (Cat.5e) for up to 48 ports RJ45 / 8P8C at 2U height and are more cost-effective solution.

The panels are made in black and are intended for the 19" cabinet or rack mounting. On the rear side of panels are contacts for 110 type knives, and color-coded according to the standard T568A / B. For administrative convenience, all ports are numbered, there are additional labeling area .

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-RP24UE2-5e |      | 24              | 1         | 510x80x60          | 0.91       | 15 pcs.         | 515x375x240    | 16.4       |

## 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 from -40 to +70 ° C. Installation from 0 to +50 ° C. Operation from -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                       | At least 500 M ohms (at a 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   |