NMC-RP48UD2-2U-BK

Unshielded patch panel, 48 ports, 19 '', 2U, Category 5e



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-RP48UD2-2U-BK	5e	48	2	510x110x80	1.02	10 pcs.	515x375x240	12.8

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Detailed characteristics

Characteristic	Value
Category	5e
Bandwidth, MHz	100
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	48
Height, U	2
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, μΩ	Not more than 20
Contact resistance, μΩ	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