

NMC-RP48UD2-1U-BK

Unshielded patch panel, 48 ports, 19", 1U, category 5e, with cable management, black



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-RP48UD2-1U-BK (Cat.5e), high-density panels with unshielded housings are intended for installation in 19" cabinets and racks. The panel contain 48 port RJ45/8P8C at a standatd height of 1U only. This solution is ideal when it is necessary to provide a high density port (e.g., data centers) or to extend the network in the limited space of the cabinet. On the back of the patch panels there are 110 type contacts with color marking according to two standards: T568 A and B. The special design of the contacts allows the use of type knives for cable termination KRONE: For ease of administration, all ports are numbered, as well as additional marking pads, protective covers are included to protect cable connections and IDC contacts, and a removable organizer is provided for secure cable management.

Ordering Table

P/N	Cat.	Number of ports	Height, U	Individual package		Freight package		
				Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMC-RP48UD2-5e		48	1	512 x 77 x 57	-	-	515 x 400 x 230	-

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Detailed characteristics

Characteristic	Value
Wiring diagram	Horizontal
Maximum load-bearing capacity	Up to 1000 V, 60 Hz for 1 minute
Color	Black
Category	5e
Bandwidth, MHz	100
Connection style	Unshielded
Compliance	ISO/IEC 11801, EN 50173 и TIA/EIA-568
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10G-BASE-T (55M for Cat. 6), ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive
IDC Contact resistance, $\mu\Omega$	Not more than 2.5
Temperature ranges	Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C
Individual packing	Cardboard box
Permissible diameter of conductors	~24-22 AWG (0.50-0.65 mm)
Number of ports for main cables	5 years - extended; 25 years - as part of the NIKOMAX SCS certified
Number of ports	48
Height, U	1
Connector material in connector	Phosphor bronze
Contact coating material	Gold (50 rcd) over nickel (~ 100 rcd)
Layout diagram	T568A / B
IDC Contact material	Phosphor bronze
IDC coating material	Tin (100 micro-inches)
Number of cable connections	Not less than 750
Material of the supporting structure	Steel 1.5 mm
Outside dimension (LxWxH)	19" Cabinet or rack
Connector type	RJ45 / 8P8C
Insulation resistance	Not less than 500 M (at constant voltage of 100 V)
Type of IDC contacts (seal)	110/KRONE
Marking	All ports are numbered, there are additional labeling area
Contact resistance, $\mu\Omega$	Not more than 20
Depth in rack (with organizer), mm	123 mm