

## NMC-RP48UE2-1U-BK

NIKOMAX Unshielded patch panel, 48 ports, 19", 1U,  
Cat.6, RJ45/8P8C, 110/KRONE, T568A/B

- ✓ High density solution
- ✓ Improved characteristics
- ✓ Extended warranty - 5 years

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 intended for installation in a 19" cabinet or rack.

NIKOMAX **NMC-RP48UE2-1U-BK** (Cat.6), 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. 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.



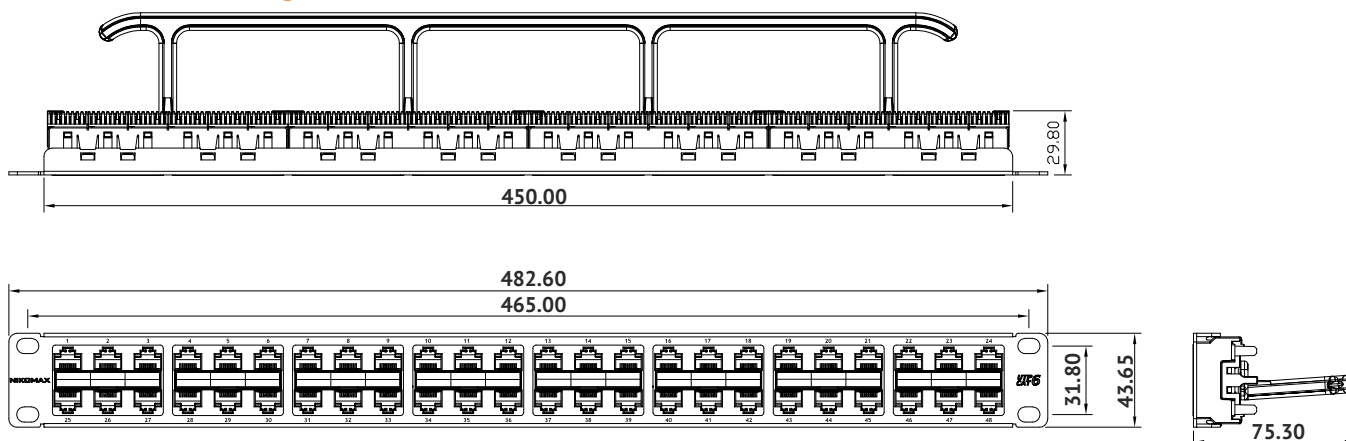
## Specification

Part number	NMC-RP48UE2-1U-BK
Category	6
Bandwidth (Mhz)	250 Mhz
Type	Unshielded
Number of ports	48
Height	1U
Connector type	RJ45/8P8C
Connector contact material	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 (termination)	110/KRONE
Wiremap	T568A/B
Permissible diameter of conductors	~24-22 AWG (0.50-0.65 mm)
IDC contact material	Phosphor bronze
IDC coating material	Tin (100 micro-inches)
Installation	19" Cabinet or rack
Depth with organizer	75 mm
Depth without organizer	30 mm
Support structure material	Steel 1.5 mm
Housing material	High-strength non-flammable plastic, meets UL94V-0
Color	Black
Marking	All ports are numbered plus additional marking areas
Insulation resistance ( $\Omega$ )	Not less than 500 M $\Omega$
Maximal withstand voltage	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
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, 2.5GBASE-T, 5GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR4, TR-16 Active, TR-16 Passive
Temperature ranges	Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operation -10 to +60 ° C
Packaging	Individual - cardboard box
Warranty	5 years - extended; 25 years - as part of the certified NIKOMAX SCS

## Ordering table

P/N	Category	Type	Number of ports	Height	Dimensions (individual packaging), mm	Weight (individual packaging), kg	Volume (individual packaging), m <sup>3</sup>
NMC-RP48UE2-1U-BK	6	Unshielded	48	1U	510x60x40	0.760	0.001224

## Dimensional drawing



The manufacturer reserves the right to change the appearance and characteristics of the product, without reducing its consumer properties