

# NIKOLAN Patch Panel

## Shielded Patch Panel, 48p, 1U

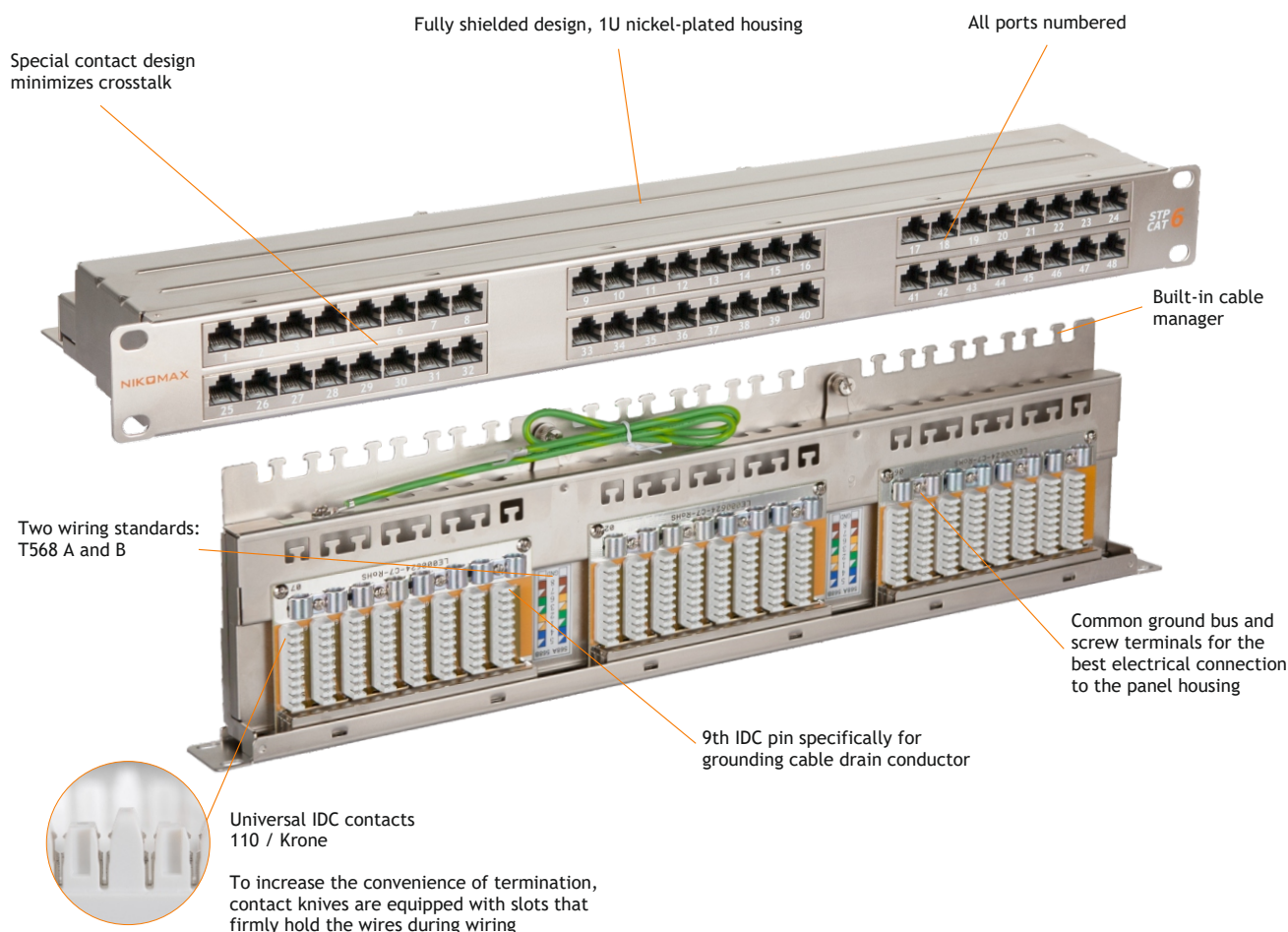
### NMC-RP48SE2-1U-MT Patch panel NIKOMAX 19", 1U, 48 ports, Cat.6, RJ45 / 8P8C, 110 / KRONE, T568A / B, shielded

- ✓ High density port
- ✓ Shielded design
- ✓ ISO / IEC 11801 standards, EN 50173 and TIA / EIA-568
- ✓ Extended warranty - 5 years

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

NIKOMAX NMC-RP48SE2-1U-MT (Cat.6), high-density panels with shielded 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.

Universal IDC contacts for 110 / KRONE type knives are located on the rear side of panels . There are two wiring standards: T568 A and B. A built-in organizer for secure fastening of cables.



\* Referring to additional photos and dimensional drawings of the patch panel on page 3.

The manufacturer reserves the right to alter the appearance and characteristics of the product, without compromising the product's functionality

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## Specifications

	<b>NMC-RP48SE2-1U-MT</b>
Category	6
Bandwidth	250 MHz
Type	Shielded
Number of Ports	48
Height	1U
Connector	RJ45/8P8C
Connector Material	Phosphor bronze
Plating	Gold (50 micro-inches) over nickel (100 micro-inches)
Durability (mating cycles)	Not less than 750
IDC Type	110/KRONE
Wiring diagram	Vertical
Wiremap	T568A/B
Conductor Diameter	-24-22 AWG (0.50-0.65 mm)
IDC Connector Material	Phosphor bronze
Plating	Tin (100 micro-inches)
Installation	19" Cabinet or rack
Depth , with organizer	123 mm
Support Structure	Steel 1.5 mm
Color	Metallic (Nickel)
Insulation Resistance (Ω)	Not less than 500 M (at constant voltage of 100 V)
Dielectric Withstand Voltage	Up to 1000 V, 60 Hz for 1 minute
Contact Resistance (μΩ)	Not more than 20
IDC Contact Resistance (μΩ)	Not more than 2.5
Compliance	ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2
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
Temperature Ranges	Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C
Packaging	Individual - cardboard box
Warranty	5 years - extended; 25 years - as part of the NIKOMAX SCS certified

## Order Table

P/N	Category	Number of ports	Height U (mm)	Individual packing		Freight package		
				Dimensions, mm	Weight, kg	Qty	Dimensions, mm	Weight, kg
NMC-RP48SE2-1U-MT	6	48	1 (44)	510 x 110 x 80	2.3	5 pcs	515 x 375 x 240	12.7

### Basic equipment:

**NMC-RP48SE2-HR-1U-MT**

Patch panel	1 pc.
Cable organizer	1 pc.
Installation instruction	1 pc.
Screed kit	48 pcs.
Screw washer nut	4 pcs.

### Related Products

Stripping and trimming device: NMC-350  
Twisted pair termination device: NMC-3640R  
Insert knives: NMC-14TA, NMC-14TBK  
A device for terminating 5 pairs in crosses of type 110: NMC-315DR  
Cable organizers: NMC-OP450-2, NMC-OP700C, NMC-OK400H-BK-2, NMC-OK600H-BK-2, NMC-OK800H-BK-2  
Rings for vertical wiring: NMC-OV500-2, NMC-OV900-2

Cables Cat. 6,, FTP:  
NKL 4200A-GY - PVC;  
NKL 4200C-OR - LSZH;  
NKL 4240A-GY - PVC;  
NKL 4240C-OR - LSZH;  
NKL 9240A-IY - PVC;  
NKL 9240C-OR - LSZH;  
NKL 9340A-IY - PVC;  
NKL 9340C-OR - LSZH;

Patch Cords cat. 6, UTP: NMC-PC4UE55B-XXX-C-GY - LSZH NMC-PC4UE55B-XXX-GY - PVC

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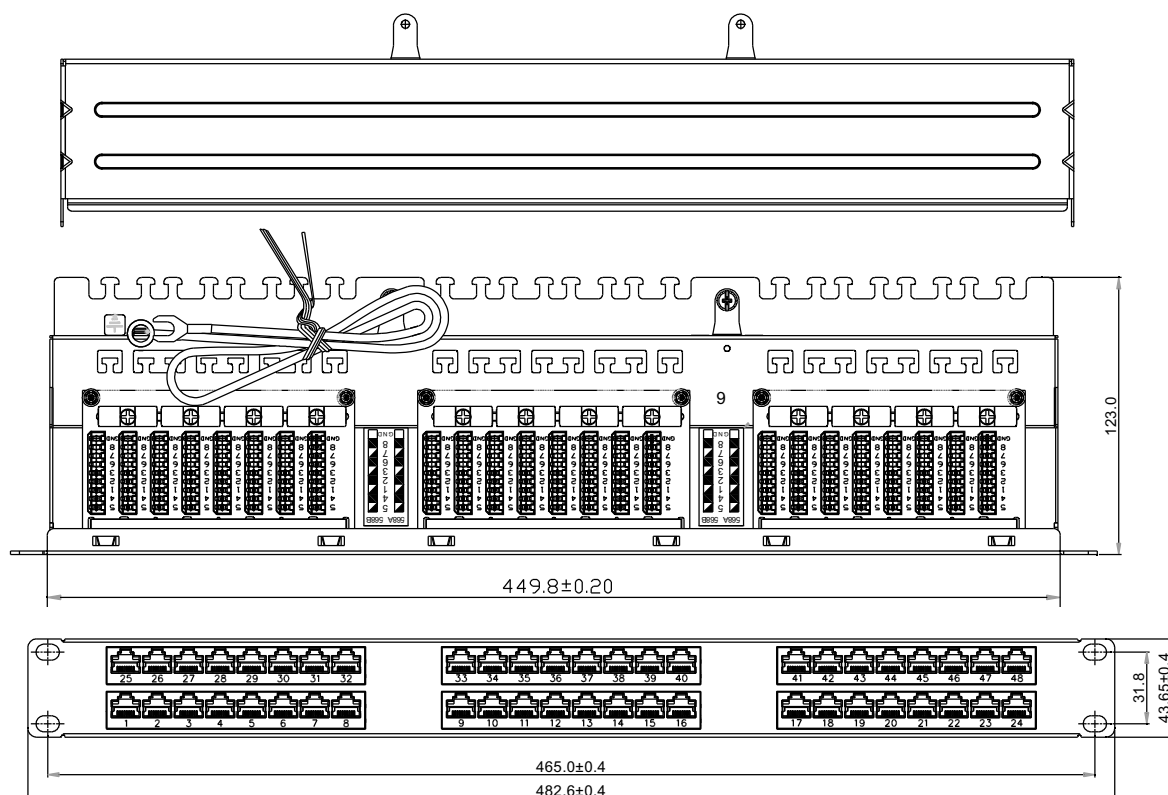
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**NIKOMAX**<sup>®</sup>  
Network Solutions

### Additional Photos



### Dimension Drawing



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