NMC-RP48UE2-1U-BK
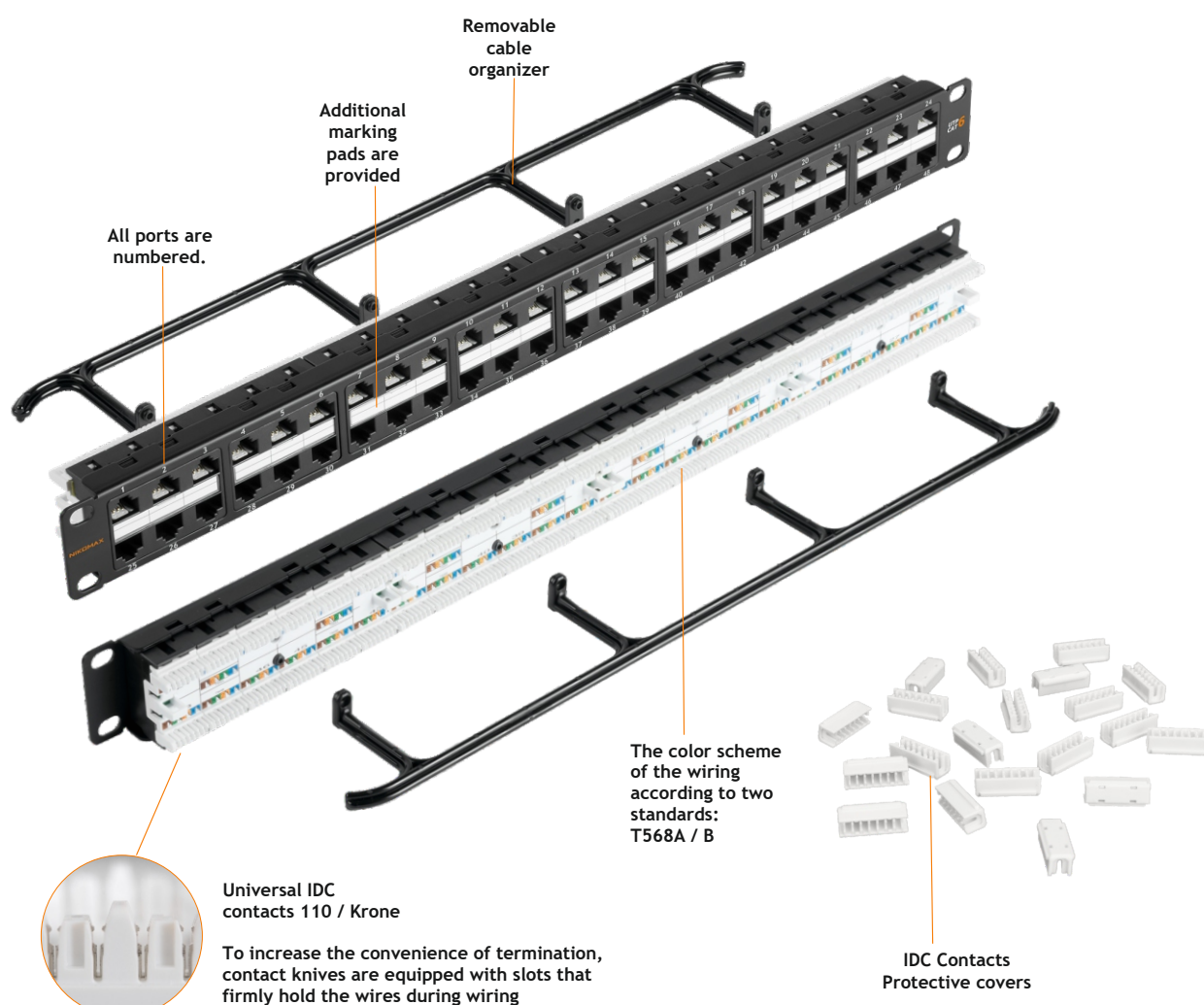
Unshielded patch panel, 48 ports, 19",
1U, Cat.6, RJ45 /8P8C, 110/KRONE,
T568A/B, with cable management, black

✓ Hight density port

✓ ISO / IEC 11801, EN 50173 and TIA / EIA-568

✓ Extended warranty - 5 Years

✓ With IDC contact protetive cover

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-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 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.

Removable cable organizer

Additional marking pads are provided

All ports are numbered.

The color scheme of the wiring according to two standards: T568A / B

Universal IDC contacts 110 / Krone

To increase the convenience of termination, contact knives are equipped with slots that firmly hold the wires during wiring

IDC Contacts Protective covers

* 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

Specifications

	NMC-RP48UE2-1U-BK
Category	6
Bandwidth	250 MHz
Type	Unshielded
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	Horizontal
Wiremap	T568A/B
Conductor Diameter	~24-22 AWG (0.50-0.65 мм)
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	Black
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 и TIA/EIA-568
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-RP48UE2-1U-BK	6	48	1 (44)	512 x 77 x 57	-	-	515 x 400x 230	-

Basic equipment:	NMC-RP48UE2-1U-BK
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, UTP:
NKL 2140A-GY - PVC;
NKL 2140C-OR - LSZH;
NKL 4140A-GY - PVC;
NKL 4140C-OR - LSZH;
NKL 9140A-IY - PVC;
NKL 9140C-OR - LSZH;
Patch Cords cat. 6, UTP: NMC-PC4UE55B-XXX-C-GY - LSZH NMC-PC4UE55B-XXX-GY - PVC

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Addotional Photos

Dimension Drawing

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