

# Patch Panels

## Unshielded Patch Panel, with Angled ports, 1U and 2U

Unshielded Patch Panels are designed for connecting different SCS subsystems and network equipment to each other with patch cords.

A feature of the series of panels «AN» are angled ports that allow you to conveniently distribute patch cords in hand, and fix them on the vertical cable organizer. This solution eliminates the need for standard cable shunting rings and save valuable space in the cabinet.

- NIKOMAX NMC-RP24UE2-AN-1U-BK (Cat. 6) and NMC-RP24UD2-AN-1U-BK (Cat.5e) for up to 24 ports RJ45 / 8P8C at the height of 1U;
- NIKOMAX NMC-RP48UE2-AN-2U-BK (Cat. 6) and NMC-RP48UD2-AN-2U-BK (Cat.5e) for up to 48 ports RJ45 / 8P8C at 2U height and are more cost-effective solution.

The panels are made in black and are intended for the 19" cabinet or rack mounting. On the rear side of panels are contacts for 110 type knives, and color-coded according to the standard T568A / B. For administrative convenience, all ports are numbered, there are additional labeling area .

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.

Gold-plated contacts (50 micro-inch): not less than 750 mating cycles. The design of the track minimizes the crosstalk in the plug (for Cat.6)

The RJ45 ports, angled, allow the patch cords apart and fix them vertical cable organizer, saving in the closet

There are additional marking area

All ports numbered

Detachable cable organizer

Wiring on two standards: T568 A and B

Accessories

Punch Down Tool: NMC-315DR, NMC-3640RB

Cable Cutter: NMC-502C, NMC-222

Cable Stripper: NMC-S501B

Universal IDC contacts for 110 / Krone (Recommended to use type 110 knives)

For the fast termination, contact knives are provided with slots, firmly hold the wires

IDC contacts are compatible with the plugs 110 type tool and NMC-315DR with a nozzle for the simultaneous sealing of pairs of 4-x

**Package Content**

Patch panel - 1 pc.  
Cable organizer - 1 (2) pcs.  
Cable tie - 24 (48) pcs.  
Screw-washer-nut - 4 (8) pieces.  
Installation Instructions - 1 pc.

NMC-315DR

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

## Specifications

	NMC-RP24UE2-AN-1U-BK	NMC-RP48UE2-AN-2U-BK	NMC-RP24UD2-AN-1U-BK	NMC-RP48UD2-AN-2U-BK
Category	6		5e	
Bandwidth	250 MHz		100 MHz	
Type	Unshielded			
Number of Ports	24	48	24	48
Height	1 U	2 U	1 U	2 U
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			
Wiremap	T568A/B			
Conductor Diameter	~24-22 AWG (0.50-0.65 mm)			
IDC Connector Material	Phosphor bronze			
Plating	Tin (100 micro-inches)			
Plastic Material	High-strength, non-flammable, meets UL94V-0			
Marking	All ports are numbered, there are additional labeling area			
Installation	19" Cabinet or rack			
Depth , without / with organizer	30 / 80 mm			
Support Structure	Steel 1.5 mm			
Color	Black			
Insulation Resistance ( $\Omega$ )	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 ( $\mu\Omega$ )	Not more than 20			
IDC Contact Resistance ( $\mu\Omega$ )	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	Cardboard box			
Warranty	5 years - extended; 25 years - as part of the NIKOMAX SCS certified			

## Ordering Table

Part Number	Category	Ports	Height, U	Individual package		Freight package		
				Dimensions,mm	Weight, kg	Quantity	Dimensions,mm	Weight, kg
NMC-RP24UE2-AN-1U-BK	6	24	1	510x80x60	0.910	15 pcs.	515x375x240	16.4
NMC-RP48UE2-AN-2U-BK	6	48	2	510x110x80	1.500	10 pcs.	515x375x240	17.5
NMC-RP24UD2-AN-1U-BK	5e	24	1	510x80x60	0.910	15 pcs.	515x375x240	16.4
NMC-RP48UD2-AN-2U-BK	5e	48	2	510x110x80	1.500	10 pcs.	515x375x240	17.5



**NMC-RP24UE2-AN-1U-BK**  
1U, UTP, 24 angle ports Cat.6



**NMC-RP48UE2-AN-2U-BK**  
2U, UTP, 48 angle ports Cat.6



**NMC-RP24UD2-AN-1U-BK**  
1U, UTP, 24 angle ports Cat.5e



**NMC-RP48UD2-AN-2U-BK**  
2U, UTP, 48 angle ports Cat.5e

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