

NMC-RP48SE2-1U-MT

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



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 standard height of 1U only. This solution is ideal when it is necessary to provide a high port density (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.

Ordering Table

P/N	Cat.	Number of	Height, U	Individual pack	age	Freight packag	е	
		ports		Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
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NMC-RP48S	E2-′6	48	1(44)	510 x 110 x 80	2.3	5 pcs	515 x 375 x 240	12.7



NMC-RP48SE2-1U-MT

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

Detailed characteristics

Category 6 Bandwidth, MHz 250 Connection style Shielded Connector type RJ.45 / 8P8C Contact coating material Gold (50 micro-inches) over nickel (100 micro-inches) IDC Contact material Phosphor bronze IDC coating material Tin (100 micro-inches) IDC coating material Tin (100 micro-inches) IDC coating material Tin (100 micro-inches) Insulation resistance IDC coating material Tin (100 micro-inches) Insulation resistance IDC coating material Tin (100 micro-inches) Insulation resistance, μΩ Not less than 500 M IDC contact resistance, μΩ Not more than 20 IDC Contact resistance, μΩ Not more than 20 IDC Contact resistance, μΩ Not more than 2.5 IDC contact resistance, μΩ Not more than 2.5 IDC contact resistance, μΩ Not more than 2.5 IDC contact sesistance, μΩ Not more than 2.5 IDC contact sesistance, μΩ Not more than 2.5 IDC contact sesistance, μΩ Not less than 750 IDC contact sesistance, μΩ Not less than 750 IDC contact sesistance, μΩ Not less than 750 IDC contacts (seal) 110/KRONE INDIFICUATION NOT Search Tool INDIFIC		
Bandwidth, MHz Shielded Connector type RJ45 / 8P8C Contact coating material DC Contact material DC Contact material DC Coating ma	Characteristic	Value
Connection style Shielded Connector type RJ45 / 8P8C Contact coating material Gold (50 micro-inches) over nickel (100 micro-inches) IDC Contact material Phosphor bronze IDC coating material Tin (100 micro-inches) Insulation resistance Not less than 500 M Maximum load-bearing capacity 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 Permissible diameter of conductors ~24-22 AWG (0.50-0.65 M) Depth in rack (with organizer), mm 123 mm Number of ports 48 Type of IDC contacts (seal) 110/KRONE Number of cable connections Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Packaging Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Steel 1.5 mm Height 1U Outside dimension (LxWxH) 19" Cabinet or rack Compliance IOBASE-T, 100BASE-TX, 100BASE-T4, 100BASE-T, 10G-BASE-T (55M for Cat. 6), ATM-25, ATM	Category	6
Connector type Contact coating material Contact coating material Contact material DC Contact material Phosphor bronze ITin (100 micro-inches) Not less than 500 M Maximum load-bearing capacity Up to 1000 V, 60 Hz for 1 minute Contact resistance, μΩ Not more than 20 Not more than 2.5 Permissible diameter of conductors Permissible diameter of conductors 2-24-22 AWG (0.50-0.65 м) Depth in rack (with organizer), mm Number of ports 48 Type of IDC contacts (seal) Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Material of the supporting structure Height 1U Outside dimension (LxWxH) 19" Cabinet or rack Compliance Supported applications Color Metallic (Nickel)	Bandwidth, MHz	250
Contact coating material Contact coating material DC Contact material DC coating material DC coating material DC coating material Tin (100 micro-inches) Not less than 500 M Maximum load-bearing capacity Up to 1000 V, 60 Hz for 1 minute Contact resistance, μΩ Not more than 2.5 Permissible diameter of conductors -24-22 AWG (0.50-0.65 M) Depth in rack (with organizer), mm 123 mm Number of ports 48 Type of IDC contacts (seal) Not less than 750 Warranty Packaging Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Height 1U Outside dimension (LxWxH) Compliance Supported applications Color Metallic (Nickel)	Connection style	Shielded
DC Contact material Phosphor bronze Tin (100 micro-inches) Insulation resistance Not less than 500 M Maximum load-bearing capacity Up to 1000 V, 60 Hz for 1 minute Contact resistance, μΩ Not more than 2.5 Permissible diameter of conductors ~24-22 AWG (0.50-0.65 M) Depth in rack (with organizer), mm 123 mm Number of ports 48 Type of IDC contacts (seal) 110/KRONE Number of cable connections Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Steel 1.5 mm Height 1U Cutside dimension (LxWxH) 19" Cabinet or rack Compliance ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 Supported applications Metallic (Nickel) Color Metallic (Nickel)	Connector type	RJ45 / 8P8C
IDC coating material ITin (100 micro-inches) Insulation resistance Not less than 500 M Maximum load-bearing capacity 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 Permissible diameter of conductors Permissible diameter of conductors Permissible diameter of conductors Permissible diameter of ports 48 Type of IDC contacts (seal) Number of ports Number of ports Number of cable connections Not less than 750 Warranty S years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Height UU Stolde dimension (LxWxH) Supported applications 10BASE-T, 100BASE-TX, 100BASE-T4, 100BASE-T, 10G-BASE-T (55M for Cat. 6), ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Color	Contact coating material	Gold (50 micro-inches) over nickel (100 micro-inches)
Insulation resistance Mot less than 500 M Maximum load-bearing capacity Up to 1000 V, 60 Hz for 1 minute Contact resistance, μΩ Not more than 20 Not more than 2.5 Permissible diameter of conductors -24-22 AWG (0.50-0.65 м) Depth in rack (with organizer), mm 123 mm Number of ports 48 Type of IDC contacts (seal) Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Material of the supporting structure Height Uu Outside dimension (LxWxH) Compliance Supported applications Not less than 750, 100 Hz 70 °C Linstallation 0 to +50 °C. Operating -10 to +60 °C 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 Metallic (Nickel)	IDC Contact material	Phosphor bronze
Maximum load-bearing capacity Up to 1000 V, 60 Hz for 1 minute Not more than 20 Not more than 2.5 Permissible diameter of conductors -24-22 AWG (0.50-0.65 м) Depth in rack (with organizer), mm 123 mm Number of ports 48 Type of IDC contacts (seal) Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Height U Outside dimension (LxWxH) 19" Cabinet or rack Compliance Supported applications Color Metallic (Nickel)	IDC coating material	Tin (100 micro-inches)
Contact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 2.5Permissible diameter of conductors~24-22 AWG (0.50-0.65 м)Depth in rack (with organizer), mm123 mmNumber of ports48Type of IDC contacts (seal)110/KRONENumber of cable connectionsNot less than 750Warranty5 years - extended; 25 years - as part of the NIKOMAX SCS certifiedPackagingIndividual - cardboard boxTemperature rangesStorage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° CMaterial of the supporting structureSteel 1.5 mmHeight1UOutside dimension (LxWxH)19" Cabinet or rackComplianceISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2Supported applications10MASE-TX, 100BASE-TX, 100BASE-T, 10G-BASE-T (55M for Cat. 6), ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 PassiveColorMetallic (Nickel)	Insulation resistance	Not less than 500 M
IDC Contact resistance, μΩ Not more than 2.5 Permissible diameter of conductors ~24-22 AWG (0.50-0.65 M) Depth in rack (with organizer), mm 123 mm Number of ports 48 Type of IDC contacts (seal) Not less than 750 Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Height 1U Outside dimension (LxWxH) 19" Cabinet or rack Compliance ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 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 Color Metallic (Nickel)	Maximum load-bearing capacity	Up to 1000 V, 60 Hz for 1 minute
Permissible diameter of conductors -24-22 AWG (0.50-0.65 м) Depth in rack (with organizer), mm 123 mm Number of ports 48 Type of IDC contacts (seal) Not less than 750 Warranty Packaging Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Height 1U Outside dimension (LxWxH) Compliance Supported applications ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Color Metallic (Nickel)	Contact resistance, μΩ	Not more than 20
Depth in rack (with organizer), mm 123 mm Number of ports 48 Type of IDC contacts (seal) 110/KRONE Number of cable connections Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Height 1U Outside dimension (LxWxH) 19" Cabinet or rack Compliance 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 Color Metallic (Nickel)	IDC Contact resistance, μΩ	Not more than 2.5
Number of ports 48 Type of IDC contacts (seal) Number of cable connections Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Height 1U Outside dimension (LxWxH) 19" Cabinet or rack Compliance 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 Color Metallic (Nickel)	Permissible diameter of conductors	~24-22 AWG (0.50-0.65 m)
Type of IDC contacts (seal) Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Height 1U Outside dimension (LxWxH) 19" Cabinet or rack Compliance 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 Metallic (Nickel)	Depth in rack (with organizer), mm	123 mm
Not less than 750 Warranty 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Steel 1.5 mm Height 1U Outside dimension (LxWxH) 19" Cabinet or rack Compliance ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 Supported applications 10BASE-T, 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 Color Metallic (Nickel)	Number of ports	48
Supported applications 5 years - extended; 25 years - as part of the NIKOMAX SCS certified Individual - cardboard box Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Steel 1.5 mm 1U Outside dimension (LxWxH) 19" Cabinet or rack ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 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 Color Metallic (Nickel)	Type of IDC contacts (seal)	110/KRONE
Packaging Individual - cardboard box Temperature ranges Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Steel 1.5 mm Height 1U Outside dimension (LxWxH) 19" Cabinet or rack Compliance ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 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 Color Metallic (Nickel)	Number of cable connections	Not less than 750
Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C Material of the supporting structure Steel 1.5 mm Height 1U Outside dimension (LxWxH) 19" Cabinet or rack Compliance ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 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 Color Metallic (Nickel)	Warranty	5 years - extended; 25 years - as part of the NIKOMAX SCS certified
Material of the supporting structure Steel 1.5 mm Height 1U Outside dimension (LxWxH) Compliance Supported applications Supported applications Color Steel 1.5 mm 19" Cabinet or rack ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 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 Metallic (Nickel)	Packaging	Individual - cardboard box
Height	Temperature ranges	Storage -40 to +70 $^{\circ}$ C. Installation 0 to +50 $^{\circ}$ C. Operating -10 to +60 $^{\circ}$ C
Compliance ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 Supported applications ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 Supported applications IOBASE-T, 100BASE-TX, 100BASE-T, 100BASE-T, 10G-BASE-T (55M for Cat. 6), ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Metallic (Nickel)	Material of the supporting structure	Steel 1.5 mm
Compliance ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2 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 Color Metallic (Nickel)	Height	1U
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 Metallic (Nickel)	Outside dimension (LxWxH)	19" Cabinet or rack
Supported applications ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Color Metallic (Nickel)	Compliance	ISO / IEC 11801, EN 50173 and ANSI/TIA-568-C.2
Color ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Metallic (Nickel)	Cupported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10G-BASE-T (55M for Cat. 6),
	Supported applications	ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive
Connector material Phosphor bronze	Color	Metallic (Nickel)
	Connector material	Phosphor bronze