

NMC-RP50UC3-1U-BK

Telephone patch panel, 50 ports, 19 ", 1U, category 3



Patch panels (patch panels) are designed for mounting cables in various subsystems of the SCS and connecting the individual network components to each other using patch cords.

The NIKOMAX NMC-RP50UC3-1U-BK telephone patch panel is designed for mounting in a 19 "cabinet or rack. With a standard height of 1U, the panel holds 50 Category 3 RJ45 / 8P6C ports, which saves considerable space inside the cabinet.

Unlike most telephone panels, the NMC-RP50UC3-1U-BK supports three-pair operation, which is necessary for the operation of certain types of digital PBXs. For ease of administration, all ports are numbered, and there are additional marking sites.

The patch panel is made in the classic black color. Universal IDC contacts 110 / KRONE are located on the back side of the panel, on a horizontal substrate. This design makes it much more convenient to distribute multi-pair cables. The patch panel is made according to the USOC standard. For fixing the cables has a built-in organizer.

Ordering Table

P/N	Cat.	Number o	of Height, U	Individual pack	age	Freight packag	je	
		ports		Dimensions,	Weight, kg	Quantity	Dimensions,	Weight, kg
				mm	Weight, Ng	Quantity	mm	Weight, Kg
NMC-RP50L	JC3-3	50	1	510x155x75	1,55	10 pcs.	515x380x320	16,9



NMC-RP50UC3-1U-BK

Telephone patch panel, 50 ports, 19 ", 1U, category 3

Detailed characteristics

Bandwidth, MHz16Connection styleShielded (grounded)ComplianceExceeds standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568Supported applications10BASE-T, ATM-25, ATM-51Temperature rangesStorage -40 to +70 °C. Installation 0 to +50 °C. Operating -10 to +60 °CIndividual packingCardboard boxWarranty1 yearNumber of ports50Height, U1Connector typeRJ45/8P6CConnector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of DiC contacts (seal)110/KRONELayout diagramMapkupoaka kontraktros or 1 дo 6IDC Contact materialPhosphor bronzeDiDC contage materialMiphistrength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Waterial of the supporting structureStel 1.5 mmProtection levelBlackInsultation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximun load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 2.5	Characteristic	Value
Connection styleShielded (grounded)ComplianceExceeds standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568Supported applications10BASE-T, ATM-25, ATM-51Emeperature rangesStorage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° CIndividual packingCardboard boxWarranty1 yearNumber of ports50Height, U1Connector typeRJ45/8P6CConnector typeCold (6 micro-inches) over nickel (100 micro-inches)Number of catel connectorsPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of catels (seal)10//RCNELayout diagramMapkuposka koHrakros or 1 дo 6IDC Contacts (seal)Tin (100 micro-inches)IDC contacts (seal)Tin (100 micro-inches)Phosphor bronzeStorage - and	Category	3
ComplianceExceeds standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568Supported applications10BASE-T, ATM-25, ATM-51Temperature rangesStorage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° CIndividual packingCardboard boxWarranty1 yearNumber of ports50Height, U1Connector typeRJ45/8P6CConnector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Type of IDC contacts (seal)110//KRONELayout diagramMapkupobaka koHrakrob over 1 дo 6IDC contact materialPhosphor bronzeIDC contact materialPhosphor bronzeIDC contacts (seal)110//KRONELayout diagramMapkupobaka koHrakrob or 1 дo 6IDC contact streatPhosphor bronzeIDC contact streatTin (100 micro-inches)Plastic materialPhosphor bronzeIDC contact streatTin (100 micro-inches)Plastic material190 cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximu load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Bandwidth, MHz	16
Supported applications10BASE-T, ATM-25, ATM-51Temperature rangesStorage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° CIndividual packingCardboard boxWarranty1 yearNumber of ports50Height, U1Connector typeRJ45/8P6CConnector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Type of IDC contacts (seal)10/KRONELayout diagramMapkupoaka kottraktros or 1 дo 6IDC Contact materialPhosphor bronzeIDC contact materialPhosphor bronzeIDC contact materialMapkupoaka kottraktros or 1 дo 6IDC contact materialPhosphor bronzeIDC contact materialPhosphor bronzeIDC contact materialYin (100 micro-inches)Plastic material10 (10 micro-inches)Plastic materialPhosphor bronzeIDC contact material9" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximun load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC contact resistance, $\mu\Omega$ Not more than 2.5	Connection style	Shielded (grounded)
Temperature rangesStorage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° CIndividual packingCardboard boxWarranty1 yearNumber of ports50Height, U1Connector typeRJ45/8P6CConnector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Number of cable connectionsNot less than 750Type of IDC contacts (seal)110/KRONELayout diagramMapkupoaka kontrakros or 1 μo 6IDC contage materialTin (100 micro-inches)IDC coating materialTin (100 micro-inches)IDC coating materialTin (100 micro-inches)IDC coating material19° Cabinet or rackIDE coating material127Marking127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximun load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20	Compliance	Exceeds standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568
Individual packingCardboard boxWarranty1 yearNumber of ports50Height, U1Connector typeRJ45/8P6CConnector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Type of IDC contacts (seal)110/KRONELayout diagramMapkиpoeka контактов от 1 до 6IDC contagramPhosphor bronzeIDC contagramMapkupoeka контактов от 1 до 6IDC contagramHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Protection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximun load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 215	Supported applications	10BASE-T, ATM-25, ATM-51
Warranty1 yearNumber of ports50Height, U1Connector typeRJ45/8P6CConnector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Type of IDC contacts (seal)110/KRONELayout diagramMapkuposka κοιττακτοв or 1 дo 6IDC Contact materialPhosphor bronzeIDC coating materialMapkuposka κοιττακτοв or 1 дo 6IDC coating materialPhosphor bronzeIDC coating materialPhosphor bronzeIDC coating materialAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 2.5	Temperature ranges	Storage -40 to +70 ° C. Installation 0 to +50 ° C. Operating -10 to +60 ° C
Number of ports50Height, U1Connector typeRJ45/8P6CConnector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Type of IDC contacts (seal)110/KRONELayout diagramMapkuposka koHTakTOB oT 1 μ o 6IDC contact materialPhosphor bronzeIDC contact materialTin (100 micro-inches)Plastic materialTin (100 micro-inches)Plastic material19" Cabinet or rackInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureStel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Individual packing	Cardboard box
Height, U1Connector typeRJ45/8P6CConnector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Type of IDC contacts (seal)110/KRONELayout diagramMapkupoBka KoHTakTOB OT 1 до 6IDC Contact materialPhosphor bronzeIDC contag materialTin (100 micro-inches)IDC cotaing materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation9" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Warranty	1 year
Connector typeRJ45/8P6CConnector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Type of IDC contacts (seal)110/KRONELayout diagramMapкировка контактов от 1 до 6IDC Contact materialPhosphor bronzeIDC contact materialPhosphor bronzeIDC coating materialTin (100 micro-inches)Plastic materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Number of ports	50
Connector material in connectorPhosphor bronzeContact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Type of IDC contacts (seal)110/KRONELayout diagramMapkupoeka κοнтактов от 1 до 6IDC contact materialPhosphor bronzeIDC contact materialPhosphor bronzeIDC cotating materialTin (100 micro-inches)Plastic materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 2.5	Height, U	1
Contact coating materialGold (6 micro-inches) over nickel (100 micro-inches)Number of cable connectionsNot less than 750Type of IDC contacts (seal)110/KRONELayout diagramMapkиpoeka κοнтактов от 1 до 6IDC contact materialPhosphor bronzeIDC coating materialTin (100 micro-inches)Plastic materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 2.5	Connector type	RJ45/8P6C
Number of cable connectionsNot less than 750Type of IDC contacts (seal)110/KRONELayout diagramMapkupobka koHTakTOB oT 1 ± 0 6IDC Contact materialPhosphor bronzeIDC coating materialTin (100 micro-inches)Plastic materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Connector material in connector	Phosphor bronze
Type of IDC contacts (seal)110/KRONELayout diagramMapkиpoBka KOHTAKTOB OT 1 Δ 0 6IDC Contact materialPhosphor bronzeIDC coating materialTin (100 micro-inches)Plastic materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Contact coating material	Gold (6 micro-inches) over nickel (100 micro-inches)
Layout diagramMapkupoBka KOHTAKTOB OT 1 до 6Layout diagramPhosphor bronzeIDC Contact materialPhosphor bronzeIDC coating materialTin (100 micro-inches)Plastic materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 2.5	Number of cable connections	Not less than 750
IDC Contact materialPhosphor bronzeIDC coating materialTin (100 micro-inches)Plastic materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 2.5	Type of IDC contacts (seal)	110/KRONE
IDC coating materialTin (100 micro-inches)Plastic materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 2.5	Layout diagram	Маркировка контактов от 1 до 6
Plastic materialHigh-strength, non-flammable, meets UL94V-0MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	IDC Contact material	Phosphor bronze
MarkingAll ports are numbered, there are additional marking areasInstallation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 2.5	IDC coating material	Tin (100 micro-inches)
Installation19" Cabinet or rackDepth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Plastic material	High-strength, non-flammable, meets UL94V-0
Depth in rack, mm127Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Marking	All ports are numbered, there are additional marking areas
Material of the supporting structureSteel 1.5 mmProtection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Installation	19" Cabinet or rack
Protection levelBlackInsulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Depth in rack, mm	127
Insulation resistanceNot less than 500 megohms (at a constant voltage of 100 V)Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Material of the supporting structure	Steel 1.5 mm
Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Protection level	Black
Contact resistance, $\mu\Omega$ Not more than 20IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Insulation resistance	Not less than 500 megohms (at a constant voltage of 100 V)
IDC Contact resistance, $\mu\Omega$ Not more than 2.5	Maximum load-bearing capacity	Up to 1000 V, 60 Hz for 1 minute
	Contact resistance, μΩ	Not more than 20
Permissible diameter of conductors ~26-24 AWG (0,40-0,51 мм)	IDC Contact resistance, μΩ	Not more than 2.5
	Permissible diameter of conductors	~26-24 AWG (0,40-0,51 мм)