

**NMC-RJ88SA2-PB-MT**

Connector RJ45/8P8C for twisted pair, Cat.6a (Class Ea), tool-less, with plastic boot, shielded, metallic



NIKOMAX Self-clamping Field Toolless Plugs are designed specifically for use with high-speed cables and provide first-class transmission characteristics. Connectors can be used to stack server hardware, workstations, connect various specialized industrial equipment and CCTV cameras.

**NMC-RJ88SA2-PB-MT** connectors comply with category 6 and are shielded and has a special plastic boot, connectors are made in cast, fully shielded zinc-aluminum alloy housings. Connectors design makes it easy to plug the cables without any specialized tools. Only diagonal cutters are needed to gently bite off excess wires. Supplied individually, in an individual polyethylene bag with perforation – similar to switching modules.

**Ordering Table**

P/N	Cat.	Type.	Individual package		Group package		Freight package			
			Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMC-RJ88SA6a		Shielded	-	0.020	25	210x140x100	-	250	545x313x234	7.200

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**Detailed characteristics**

<b>Characteristic</b>	<b>Value</b>
Boot material	Polyvinylchloride
Color	Metallic
Category	6a
Bandwidth, MHz	500
Connection style	Fully Shielded
Compliance	ISO/IEC 11801, EN 50173 & TIA/EIA-568-C.2
Supported applications	100BASE-TX, 100BASE-T4, 1000BASE-T, 5GBASE-T, 10GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-, AnyLan, TR-4, TR-16 Active, TR-16 Passive
Warranty	5 years
Contact coating material	Gold (50 µinch)
Type of IDC contacts (seal)	Toolless
Layout diagram	T568A/B
IDC coating material	Phosphor bronze
IDC coating material	Tin (100 µinch)
Insulation resistance	min. 500 MΩ (with 100 V DC)
Maximum load-bearing capacity	1000 V for 1 minute (DC, 60 Hz)
Permissible diameter of conductors	~ 24 - 23 AWG (0.500 - 0.585 mm)
Housing material	Zinc-aluminum alloy
Packaging	Individual – PE bag
Connector type	RJ45/8P8C
Material of contacts	Phosphor bronze
Temperature range	Storage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C