

## NMC-RJ88SI2-AG-MT

Connector RJ45/8P8C for twisted pair, Cat.8 (Class I), tool-less, angled, shielded, metallic



RJ45/8P8C plugs are designed for termination of solid (single-core) and stranded (patch cord) cables in production of patch cords and in some cases while laying communication lines, for connecting CCTV cameras, etc.

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-RJ88SI2-AG-MT** connectors comply with category 6 and are shielded and has a angled design on 90 degrees and cab be rotated on 8 direction, 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 box.

### 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-RJ88SI2		Shielded	125x44x25	0.042	-	-	-	250 545x305x285	11.500	

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## Detailed characteristics

Characteristic	Value
Category	8
Bandwidth, MHz	1600-2000
Connection style	Fully Shielded
Compliance	ISO/IEC 11801, EN 50173 & TIA/EIA-568-C.2
Supported applications	0BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10G-BASE-T, 25G-BASE-T, 40G-BASE-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)
Number of cable connections	1000 cycles minimum
Type of IDC contacts (seal)	Toolless
Layout diagram	T568A/B
IDC coating material	Phosphor bronze
IDC coating material	Tin (100 µinch)
Protection level	Metallic
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 - 22 AWG (0.500 - 0.64 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