

# Field Termination Toolless Plugs

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.

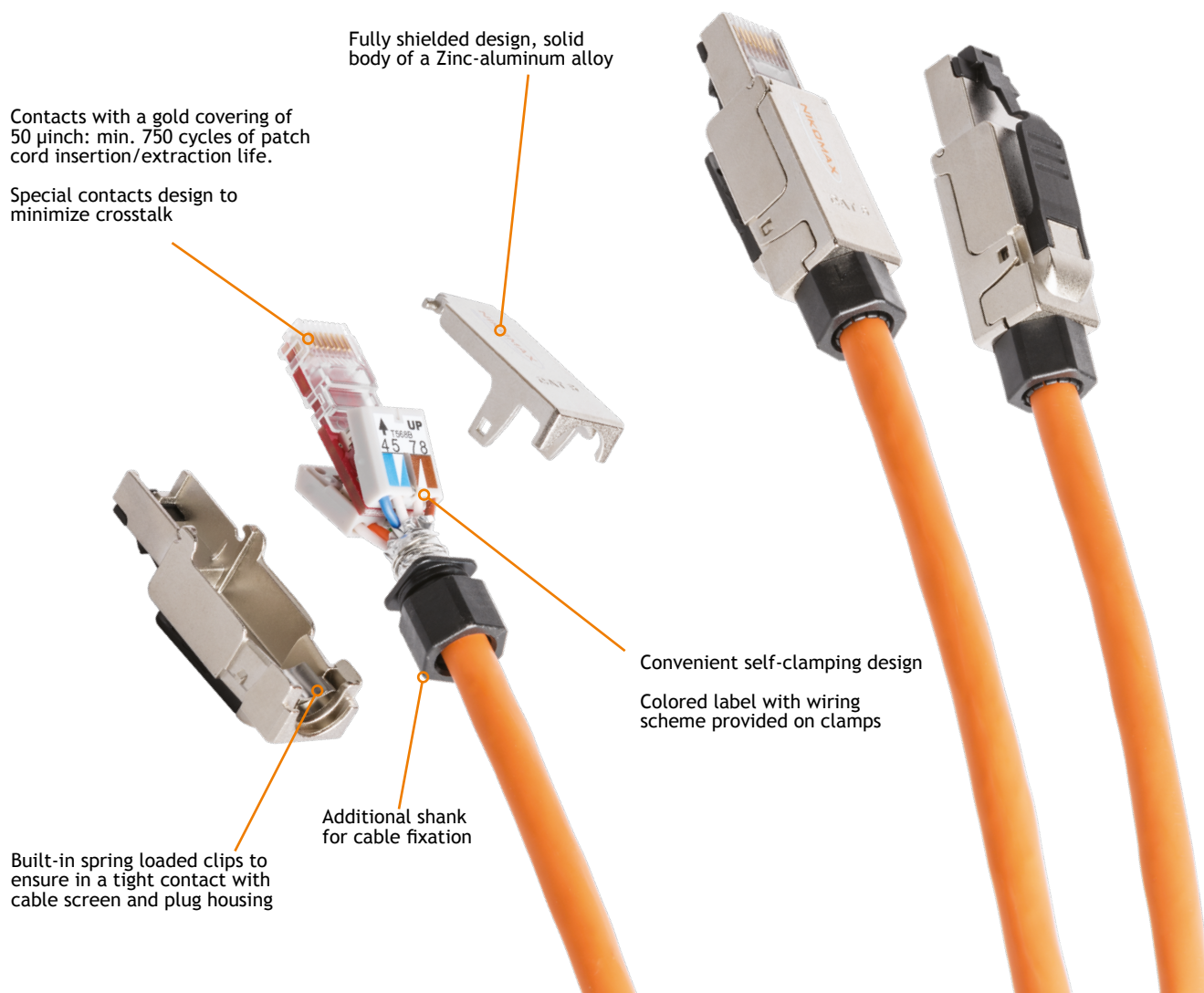
NMC-RJ88SA2-NT-MT (Cat.6<sub>A</sub>) and NMC-RJ88SE2-NT-MT (Cat.6) connectors are made in cast, fully shielded zinc-aluminum alloy housings. They consist of a central insert with RJ45 plug and PCB with IDC, the body divided into two halves and a plastic shank for cable fixation. The cable shield is earthed to the spring-loaded contact in the rear of the housing, providing full electrical contact and further clamped by the shank to securely fix the cable behind the sheath.

NMC-RJ88UE2-NT-GY (Cat.6) connector is made in cast, unshielded plastic, complies with UL94V-0. It consists of a central insert with RJ45 plug and PCB with IDC, the body divided into two halves and a plastic shank for cable fixation.

The supported thickness of the outer shell is 6-8 mm.

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.



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

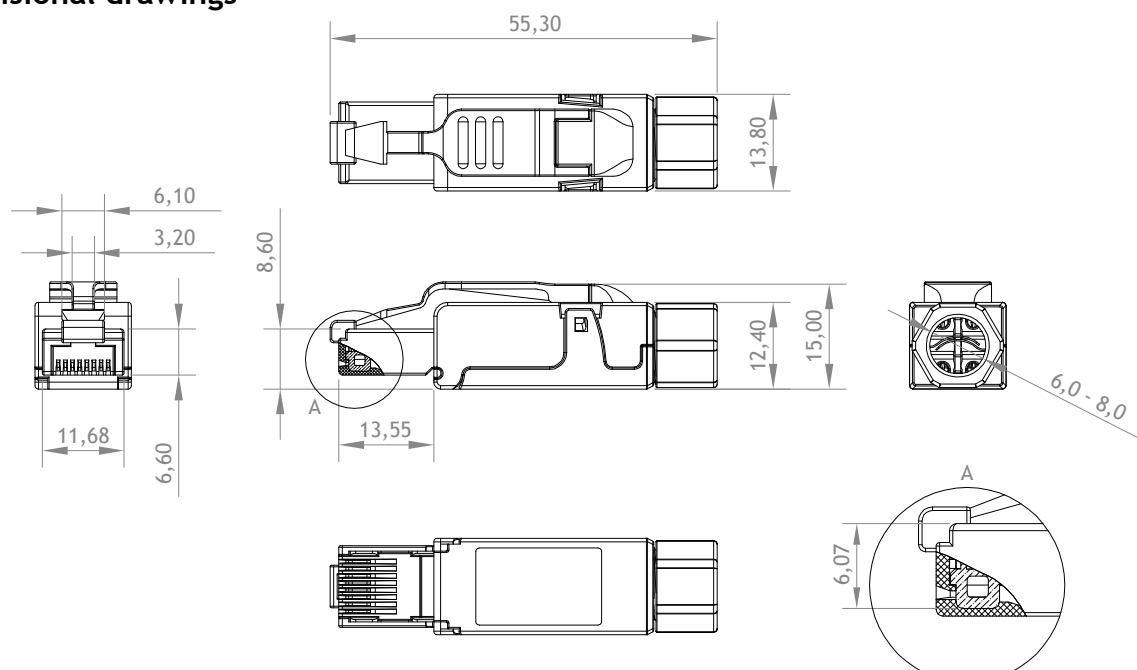
## Technical characteristics

	NMC-RJ88SA2-NT-MT	NMC-RJ88SE2-NT-MT	NMC-RJ88UE2-NT-GY
Plug type	RJ45/8P8C	RJ45/8P8C	RJ45/8P8C
Category	6 <sub>A</sub>	6	6
Bandwidth	500 MHz	250 MHz	250 MHz
Construction	Fully Shielded		Unshielded
Contact blade material	Phosphor bronze		
Contact blade plating material	Gold (50 μinch)		
Port insertion/extraction life	750 cycles minimum		
IDC contacts type (termination)	Toolless		
IDC wiring scheme	T568A/B		
IDC wire gauge	~24-23 AWG (0.50-0.58 mm)		
IDC material	Phosphor bronze		
IDC coating material	Tin (100 μinch)		
Housing material	Zinc-aluminum alloy		Plastic, complies with UL94V-0
Color	Metallic		Grey
Supported cable diameter	6–8 mm		
Dimensions	55.3x15.0x13.8 mm		
Electrical Insulation Resistance	min. 500 MΩ (with 100 V DC)		
Dielectric withstanding voltage	1000 V for 1 minute (DC, 60 Hz)		
Compliance to standards	Exceeds the requirements of the standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2		
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10G-BASE-T, ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 Passive		
Temperature ranges	Storage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C		
Packaging	Individual – PE bag		
Warranty	1 year		

## Ordering table

Part Number	Cat.	Type	Individual Package		Group Package			Transport Package		
			Volume, m³	Weight, kg	Quantity	Size, mm	Weight, kg	Quantity	Size, mm	Weight, kg
NMC-RJ88SA2-NT-MT	6 <sub>A</sub>	Shielded	0.000169	0.022	70	250x190x210	1.64	280	515x400x230	8.6
NMC-RJ88SE2-NT-MT	6	Shielded	0.000169	0.022	70	250x190x210	1.64	280	515x400x230	8.6
NMC-RJ88UE2-NT-GY	6	Unshielded	0.000169	0.018	70	250x190x210	1.26	280	515x400x230	6.0

## Dimensional drawings



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