NIKOMAX®
Network Solutions

Registered Jack (RJ) Plugs are designed as standardized interface for termination of solid and stranded (patch cord) cables in the production of patch cords, for connecting cameras and some other networking equipment.

Plugs are divided into three main types: for terminating stranded wire cables (patch cords), for solid wire (permament link) cables and universal type, suitable for both types of conductors. Using the wrong type of plug does not guarantee a quality crimp due to incorrect insertion of wires in the leads and may lead to loss of contact.

To increase the maximum number of reconnections, general life and the protection of copper contacts connectors from oxidation, they are additionally coated with gold plating.

By design, there are plugs with or without insets. The inset is usually more convenient for wires termination, although many installers prefer a simple model with the guide grooves, without inserts.

It is also recommended to use the boots to extend terminal life, enhance the user experience and give a finished look like patch cable.

NIKOMAX Plugs are supplied in packs of 100 pieces.

Package Content

Connectors – 100 pcs pack.

Accessories

Crimping Tool:
NMC-2008AR
NMC-500R
NMC-568R

Wire Stripper & Cutter:
NMC-S501B

Cable Cutter:
NMC-502C
NMC-222

NMC-RJ88RZ50SE1-100
RJ45/8P8C, Cat.6, STP, 50 micro-inch

NMC-RJ88RZ50SD1-100
RJ45/8P8C, Cat.5e, STP, 50 micro-inch

NMC-RJ88RZ50UE3-100
RJ45/8P8C, Cat.6, UTP, 50 micro-inch, Insert

NMC-RJ88RZ50UD2-100
RJ45/8P8C, Cat.5e, UTP, 50 micro-inch, Insert

NMC-RJ88RZ50UE1-100
RJ45/8P8C, Cat.6, UTP, 50 micro-inch

NMC-RJ88RZ50UD1-100
RJ45/8P8C, Cat.5e, UTP, 50 micro-inch

NMC-RJ88RE50UD1-100
RJ45/8P8C, Cat.5e, UTP, 50 micro-inch

NMC-RJ88RE06UD1-100
RJ45/8P8C, Cat.5e, UTP, 6 micro-inch,

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

Specification

	NMC-RJ88RZ50SE1-100	NMC-RJ88RZ50SD1-100	NMC-RJ88RZ50UE3-100	NMC-RJ88RZ50UE1-100
Type of connectors	RJ45/8P8C	RJ45/8P8C	RJ45/8P8C	RJ45/8P8C
Category	6	5e	6	6
Bandwidth (MHz)	250 MHz	100 MHz	250 MHz	250 MHz
Type	Shielded		Unshielded	
Material of connector contact	Phosphor bronze			
Material of contact plating	Gold (50 micro-inch)			
Type of knives	Universal, for stranded and solid cables			
Diameter of conductor	23-24 AWG (0.57-0.50 mm)			
Housing material	Transparent polycarbonate according to UL 94-V2			
Temperature range	Storage -40 to +70°C. Installation from -10 to +50°C. Operating from -30 to +80°C			
Warranty	1 Year			
Packaging	Plastic bag (100 pcs.)			

	NMC-RJ88RZ50UD2-100	NMC-RJ88RZ50UD1-100	NMC-RJ88RE50UD1-100	NMC-RJ88RE06UD1-100
Type of connectors	RJ45/8P8C			
Category	5e			
Bandwidth (MHz)	100 MHz			
Type	Unshielded			
Material of connector contact	Phosphor bronze			
Material of contact plating	Gold (50 micro-inch)			Gold (6 micro-inch)
Type of knives	Universal		Under the multi-conductor cables	
Diameter of conductor	23-24 AWG (0.57-0.50 mm)	24-26 AWG (0.51-0.40 mm)		
Housing material	Transparent polycarbonate, meets UL 94-V2			
Temperature range	Storage -40 to +70°C. Installation from -10 to +50°C. Operating from -30 to +80°C			
Warranty	1 Year			
Packaging	Plastic bag (100 pcs.)			

Compatibility with NIKOMAX Boots

NIKOMAX RJ45 PLUG	NIKOMAX BOOT
NMC-RJ88RZ50UD2-100	NMC-RJBOOT55B-TR-100
NMC-RJ88RE06UD1-100	NMC-RJBOOT55B-TR-100
NMC-RJ88RE50UD1-100	NMC-RJBOOT55B-TR-100
NMC-RJ88RZ50UD1-100	NMC-RJBOOT55B-TR-100
NMC-RJ88RZ50UE1-100	NMC-RJBOOT55B-TR-100
NMC-RJ88RZ50UE3-100	NMC-RJBOOT55B-TR-100
NMC-RJ88RZ50SD1-100	NMC-RJBOOT55B-TR-100
NMC-RJ88RZ50SE1-100	NMC-RJBOOT55B-TR-100, NMC-RJBOOT65B-TR-100

Ordering Table

Part Number	Type of connectors	Type / Category	Individual package			Freight package		
			Quantity	Volume, m^3	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMC-RJ88RZ50SE1-100	RJ45/8P8C	STP / Cat.6	100 pcs.	0.000406	0.280	50 packs	430x330x230	14.8
NMC-RJ88RZ50SD1-100	RJ45/8P8C	STP / Cat.5e	100 pcs.	0.000406	0.266	50 packs	430x330x230	14.0
NMC-RJ88RZ50UE3-100	RJ45/8P8C	UTP / Cat.6	100 pcs.	0.000406	0.254	100 packs	490x370x280	26.4
NMC-RJ88RZ50UE1-100	RJ45/8P8C	UTP / Cat.6	100 pcs.	0.000406	0.162	100 packs	490x370x280	17.2
NMC-RJ88RZ50UD2-100	RJ45/8P8C	UTP / Cat.5e	100 pcs.	0.000406	0.254	100 packs	490x370x280	26.4
NMC-RJ88RZ50UD1-100	RJ45/8P8C	UTP / Cat.5e	100 pcs.	0.000406	0.162	100 packs	490x370x280	17.2
NMC-RJ88RE50UD1-100	RJ45/8P8C	UTP / Cat.5e	100 pcs.	0.000406	0.160	100 packs	490x370x280	17.0
NMC-RJ88RE06UD1-100	RJ45/8P8C	UTP / Cat.5e	100 pcs.	0.000406	0.159	100 packs	490x370x280	16.9

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