

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 (permanent 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.

## Ordering Table

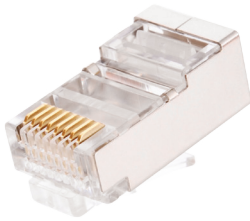
Part Number	Type of connectors	Type	Category	Type of knives	Gold plating	Features
NMC-RJ88RZ50SE1-100	RJ45/8P8C	Shielded	6	Universal	50 micro-inches	
NMC-RJ88RZ50SD1-100	RJ45/8P8C	Shielded	5e	Universal	50 micro-inches	
NMC-RJ88RZ50UE3-100	RJ45/8P8C	Unshielded	6	Universal	50 micro-inches	With insert
NMC-RJ88RZ50UD2-100	RJ45/8P8C	Unshielded	5e	Universal	50 micro-inches	With insert
NMC-RJ88RZ50UD1-100	RJ45/8P8C	Unshielded	5e	Universal	50 micro-inches	
NMC-RJ88RE50UD1-100	RJ45/8P8C	Unshielded	5e	Multicore	50 micro-inches	
NMC-RJ88RE06UD1-100	RJ45/8P8C	Unshielded	5e	Multicore	6 micro-inches	
NMC-RJ84RE06UD1-100	RJ45/8P4C	Unshielded	5	Multicore	6 micro-inches	Contacts 1, 2, 3, 6
NMC-RJ66RE06UC1-100	RJ12/6P6C	Unshielded	3	Multicore	6 micro-inches	
NMC-RJ64RE06UC1-100	RJ11/6P4C	Unshielded	3	Multicore	6 micro-inches	
NMC-RJ42RE06UC1-100	4P2C	Unshielded	3	Multicore	6 micro-inches	

## Plugs compatible with NIKOLAN Cables

NMC-RJ88RZ50SE1-100	NMC-RJ88RZ50SD1-100	NMC-RJ88RZ50UE3-100	NMC-RJ88RZ50UD1-100 NMC-RJ88RZ50UD2-100
NKL 9350C-OR	NKL 9300C-OR	NKL 9140C-OR	NKL 9100C-ZZ
NKL 9250A-IY	NKL 9300A-IY	NKL 9140A-IY	NKL 9100A-IY
NKL 9340C-OR	NKL 9200C-OR	NKL 4140C-OR	NKL 4100C-OR
NKL 9340A-IY	NKL 9200A-IY	NKL 4140A-GY	NKL 4100A-ZZ
NKL 4240C-OR	NKL 4200C-OR	NKL 4640B-BK	NKL 4000A-GY
NKL 4240A-GY	NKL 4200A-GY		NKL 4600B-BK
NKL 4740B-BK	NKL 4700B-BK		NKL 2115A-GY
			NKL 2110A-GY

NMC-RJ88RE06UD1-100 NMC-RJ88RE50UD1-100	NMC-RJ64RE06UC1-100 NMC-RJ66RE06UC1-100 NMC-RJ84RE06UD1-100	NMC-RJ42RE06UC1-100
NKL 4000A-GY	NKL 2010A-GY	NKL 1010A-GY
	NKL 2026A-WT	NKL 1026A-WT

Due to the large diameter of solid Cat. 6 cables (and above), NMC-RJ88RZ50SE1-100 connectors are only suitable for the production of patch cords from cables with a 26 AWG conductors. For terminating cables stationary use Self-clamping connectors NMC-RJ88SA2-NT-MT (Cat.6) and NMC-RJ88SE2-NT-MT (Cat.6).



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



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

## Package Content

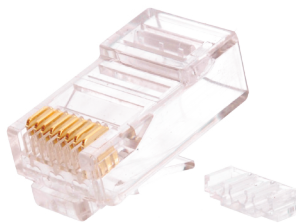
Connectors - 100 pcs pack.

## Accessories

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

Wire Stripper &  
Cutter:  
NMC-S501B

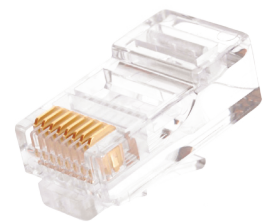
Cable  
Cutter:  
NMC-502C  
NMC-222



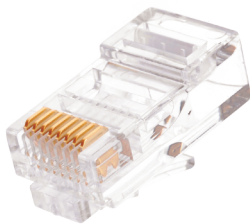
**NMC-RJ88RZ50UE3-100**  
RJ45/8P8C, Cat.6, UTP, 50 micro-inch,  
Insert



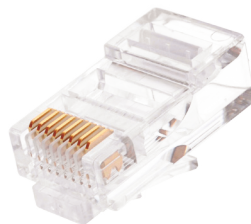
**NMC-RJ88RZ50UD2-100**  
RJ45/8P8C, Cat.5e, UTP, 50 micro-inch,  
Insert



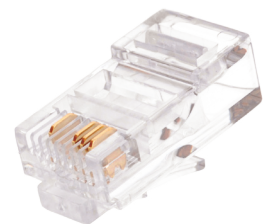
**NMC-RJ88RZ50UD1-100**  
RJ45/8P8C, Cat.5e, UTP, 50 micro-inch



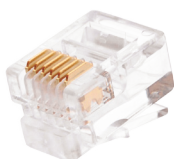
**NMC-RJ88RE50UD1-100**  
RJ45/8P8C, Cat.5e, UTP, 50 micro-inch



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



**NMC-RJ84RE06UD1-100**  
RJ45/8P4C, Cat.5, UTP, 6 micro-inch



**NMC-RJ66RE06UC1-100**  
RJ12/6P6C, Cat.3, UTP, 6 micro-inch



**NMC-RJ64RE06UC1-100**  
RJ11/6P4C, Cat.3, UTP, 6 micro-inch



**NMC-RJ42RE06UC1-100**  
4P2C, Cat.3, UTP, 6 micro-inch

## Specification

	<b>NMC-RJ88RZ50SE1-100</b>	<b>NMC-RJ88RZ50SD1-100</b>	<b>NMC-RJ88RZ50UE3-100</b>	<b>NMC-RJ88RZ50UD2-100</b>
Type of connectors	RJ45/8P8C	RJ45/8P8C	RJ45/8P8C	RJ45/8P8C
Category	6	5e	6	5e
Bandwidth (MHz)	250 MHz	100 MHz	250 MHz	100 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.)			

	<b>NMC-RJ88RZ50UD1-100</b>	<b>NMC-RJ88RE50UD1-100</b>	<b>NMC-RJ88RE06UD1-100</b>	<b>NMC-RJ84RE06UD1-100</b>
Type of connectors	RJ45/8P8C	RJ45/8P8C	RJ45/8P8C	RJ45/8P4C
Category	5e	5e	5e	5
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	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.)			

	<b>NMC-RJ66RE06UC1-100</b>	<b>NMC-RJ64RE06UC1-100</b>	<b>NMC-RJ42RE06UC1-100</b>
Type of connectors	RJ12/6P6C	RJ11/6P4C	4P2C
Category	3		
Bandwidth (MHz)	16 MHz		
Type	Unshielded		
Material of connector contact	Phosphor bronze		
Material of contact plating	Gold (6 micro-inches)		
Type of knives	Under the multi-conductor cables		
Diameter of conductor	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.)		

## Ordering Table

Part Number	Type of connectors	Type / Category	Individual package			Freight package		
			Quantity	Volume, m <sup>3</sup>	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	0.140	100 packs	490x370x280	15.0
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
NMC-RJ84RE06UD1-100	RJ45/8P4C	UTP / Cat.5	100 pcs.	0.000406	0.149	100 packs	490x370x280	15.9
NMC-RJ66RE06UC1-100	RJ12/6P6C	UTP / Cat.3	100 pcs.	0.000203	0.085	200 packs	490x370x280	18.0
NMC-RJ64RE06UC1-100	RJ11/6P4C	UTP / Cat.3	100 pcs.	0.000203	0.088	200 packs	490x370x280	18.6
NMC-RJ42RE06UC1-100	4P2C	UTP / Cat.3	100 pcs.	0.000162	0.070	250 packs	490x370x280	18.5