

## NMC-KJSI2-BF-MT

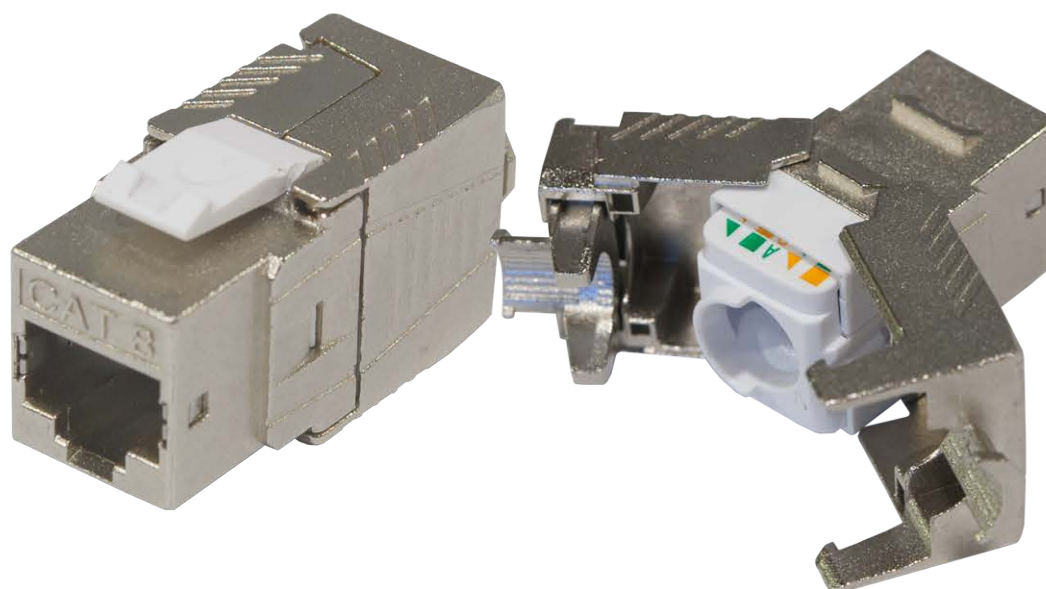
NIKOMAX Keystone jack,  
Cat.8 (Class I), 1600 - 2000Mhz RJ45/8P8C,  
Tool-less, T568A/B, Shielded, Metallic

- ✓ Terminate without special
- ✓ Tools Improved performance
- ✓ Full shielding

NIKOMAX Toolless jacks, do not require a special tool for termination. The inner inset provides convenient and high quality termination with enhanced crosstalk characteristics. The jacks are fully compatible with all NIKOMAX components. In the process of embedding, the module is sustainable and is suitable for multiple reloading if necessary. The NMC-KJSI2-BF-MT is made in a fully shielded housing made of zinc-aluminum alloy.

### FEATURES

- > Extreme performance design for Edge Data Center.
- > PCB Compensation design for further CAT.8 component requirement.
- > Easy field termination, T568A& B wiring.
- > Power over HDBaseT (POH) applications up to 100 watts.
- > CAT.8 design to support Ethernet at rates up to 40 Gbps (40GBASE-T) and 25Gbps (25GBASE-T) over distances up to 30 meters for switch-to-server connections in data center.
- > IEC60603-7 and ANSI/TIA-1096-A complied.



#### Basic equipments:

Module	1 pc.
Insets	1 pc.
Installation instructions	1 pc.
Copper Foil Tape	1 pc.

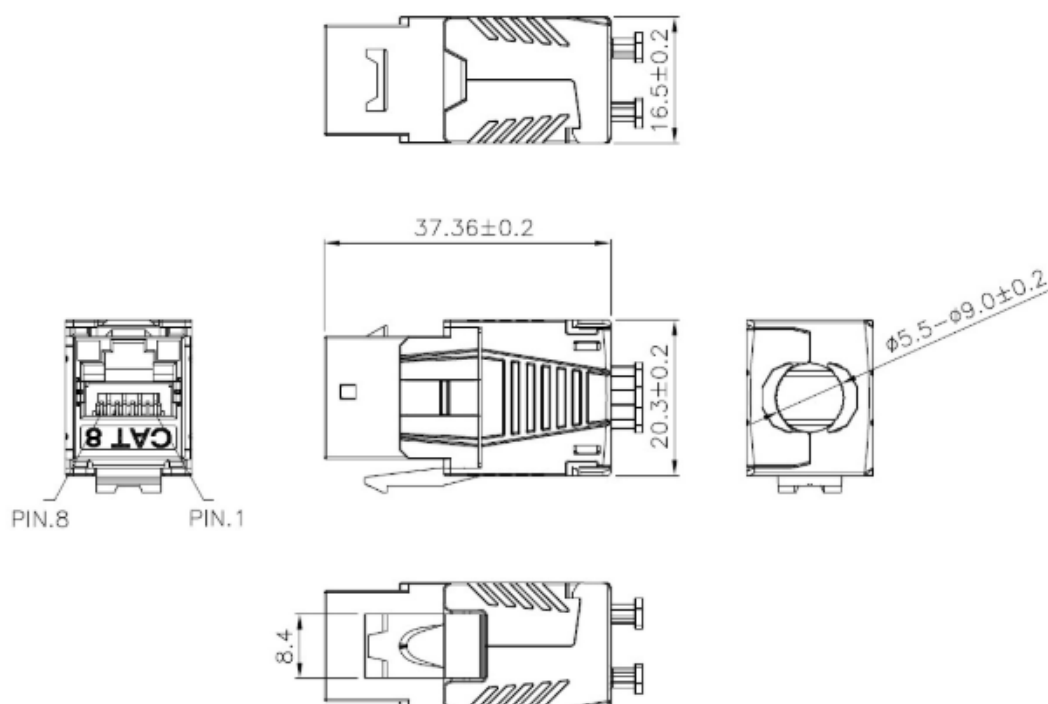
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### Specifications

Part Number	NMC-KJSI2-BF-MT
Category	8
Bandwidth, Mhz	1600 - 2000
Connection style	Fully shielded
Connector type	RJ45/8P8C
Connector material in connector	Phosphor bronze
Contact coating material	Gold (50 micro-inches) over nickel (100 micro-inches)
Number of cable connections	Not less than 750
Type of IDC contacts (seal)	Tool-Less
Layout diagram	T568A/B
Permissible diameter of conductors	-24-22 AWG (0.50-0.65 mm)
IDC Contact material	Phosphor bronze
IDC coating material	Tin (100 micro-inches)
Housing material	Zinc-aluminum alloy
Plastic material	High-strength, non-flammable, compliant to UL94V-0
Color	Metallic (nickel)
Insulation resistance	At least 500 MΩ (at a constant voltage of 100 V)
Maximum load-bearing capacity	Up to 1000 V, 60 Hz for 1 minute
Contact resistance, μΩ	Not more than 20
IDC Contact resistance, μΩ	Not more than 2.5
Compliance	Exceeds standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10GBASE-T (for Cat. 6 and 6A), 25GBASE-T, 40GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR- 16 Active, TR-16 Passive
Temperature ranges	Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C
Packaging	Individual - Plastic bag
Warranty	5 years - extended; 25 years - as part of the certified SKS NIKOMAX

### Order table

Part number	Cat.	Connection style	Individual package			Transport box		
			Quantity	Volume, m3	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMC-KJSI2-BF-MT	8	Shielded	1	0.000154	0.032	-	-	-



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