

## NMC-RJ88RA50UE3-IS-BK



Industrial plug RJ45/8P8C, Cat.6, unshielded, IP67 degree protection, with protective cover, black

**NMC-RJ88RA50UE3-IS-BK** is unshielded design with IP67 degree of protection and comply with category 6. The plug is designed for terminating fixed cables and connecting terminal equipment to keystone jacks that require complete tightness, cable protection and reliable connections. The RJ45 plug consists of two parts : the plug with the type of RJ45/8P8C connector and a protective cover with a nut and a cover. The protective part is made of shockproof, flame retardant plastic. RJ45/8P8C connector are designed for terminating single-core cables. They are additionally coated with gold to protect the copper contacts of the connectors from oxidation, and furthermore, increasing the maximum number of re-connections and the service life. With IP67 degree of protection, industrial RJ45 plugs are protected against dust and moisture.

### Ordering Table

P/N	Format	Type/Cat	Individual packaging			Transport Packaging		
			Quantity	Volume, m3	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMC-RJ88RA50RJ45/8P8C		UTP/Cat.6	1 pc.	-	0.04	50 pcs.	250x190x210	2.18

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### Detailed characteristics

Characteristic	Value
Diameter of conductors, AWG	24 - 26
Insulation resistance	At least 500 MΩ (at a constant voltage of 100 V)
Connector type	RJ45 / 8P8C
Contact plating	Gold (50 mcd) over nickel (100 mcd)
Temperature ranges	Storage from -40 to +70 ° C. Installation from 0 to +50 ° C. Operation from -10 to +60 °
Warranty	1 year
Packaging	Individual - Plastic Bag
Category	6
Bandwidth	250 MHz
Compliance	Exceeds the requirements of standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10GBASE-T, ATM-25, ATM-51, ATM- 155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive
Type of knife	Single core cable
Capacity, max	6.2
Execution	Unshielded
Degree of protection	IP67
Protective part color	Black
Maximum load	Up to 1000 V, 60 Hz for 1 minute
Contact Material	Phosphor Bronze
Number of connections	Not less than 750
Maximum diameter of insulation of conductors, mm	0.96 - 1.02
Protective Material	Shockproof, flame retardant plastic, conform to UL94V0