

COAXIAL CONNECTOR, SMA, 50 Ohm, Straight bulkhead cable jack (female)

24_SMA-50-2-116/111_N

Properties

- Lead free material
- RoHS full compliant without exemption 6C
- Excellent return loss
- Applicable in frequencies up to 18 GHz



Product configuration

Interface type	Gender	Standard
SMA	jack	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Material Data

Piece parts	Description / Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Other body part	Brass	Gold Plating (Nickel underplated)
Insulator	PTFE (Polytetrafluoroethylene)	
Gasket	VMQ (Silicone rubber)	
Fastening nut	Brass	Gold Plating (Nickel underplated)
Washer	Bronze	Gold Plating (Nickel underplated)
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)

Electrical Data

Impedance	50Ω
Operating frequency	18 GHz

Mechanical data

Weight	4.2 g
Mating cycles	500
Cable entry centre contact	soldered

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Mechanical data	
Cable entry outer contact	crimped
Environmental data	
Operation temperature	-65 °C ... 165°C
Ordering Information Table	
Item number	Item description
85201112	24_SMA-50-2-116/111_NE
Suitable cables	
Product Code	Cable group
GX_02272	U2 - 2 mm / 50 Ohm
RG_174_/U	U2 - 2 mm / 50 Ohm
RG_316_/U	U2 - 2 mm / 50 Ohm

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