

COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male)

16_SMA-50-2-114/111_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	Plug	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	Brass	Gold Plating (Nickel underplated)
Other body part	Brass	Gold Plating (Nickel underplated)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	Gold Plating (without Nickel underplating)
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)

Electrical Data

Impedance	50Ω
Operating frequency	18 GHz

Mechanical data

Weight	42 g
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

Environmental data

Operation temperature	-65 °C ... 165°C
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Ordering Information Table	
Item number	Item description
85199312	16_SMA-50-2-114/111_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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