

**COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)**

11\_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	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	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)

**Electrical Data**

Impedance	50Ω
Operating frequency	18 GHz

**Mechanical data**

Weight	2.3 g
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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Environmental data	
Operation temperature	-65 °C ... 165°C

Ordering Information Table	
Item number	Item description
85199138	11_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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