

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_CEEC 22110

Interface and material data

Piece parts	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	50 Ω
Interface frequency	18 GHz

Mechanical data

Weight	2.3 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
85199138	11_SMA-50-2-116/111_NE
Suitable cables	
Cable group	U2 - 2 mm / 50 Ohm
Suitable cables	GX_02272
	RG_316_/U
	RG_174_/U
Additional Information	
Only as assembly	No

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