

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

16_SMA-50-2-103/111_N

Properties

- Excellent corrosion resistance in a wide range of environments
- High salt mist resistant
- Applicable in frequencies up to 18 GHz

**Product configuration**

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

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium / Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	26 dB	1.11
2.5 GHz ... 5 GHz	21 dB	1.2
5 GHz ... 12.4 GHz	16 dB	1.4

Mechanical data

Weight	0.004 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	soldered

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

Ordering Information Table	
Item number	Item description
84018309	16_SMA-50-2-103/111_NE
22652924	16_SMA-50-2-103/111_NH

Suitable cables	
Cable group	Y3 - 2 mm / 50 Ohm
	Y16 - 2 mm / 50 Ohm
	Y11 - 2 mm / 50 Ohm

Additional Information	
Only as assembly	No

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DOCUMENT PIM-P31311 / Date of publication: 16.02.2024 / uncontrolled copy