



**THE DATASHEET OF
11_SMA-50-2-15/111_NH**

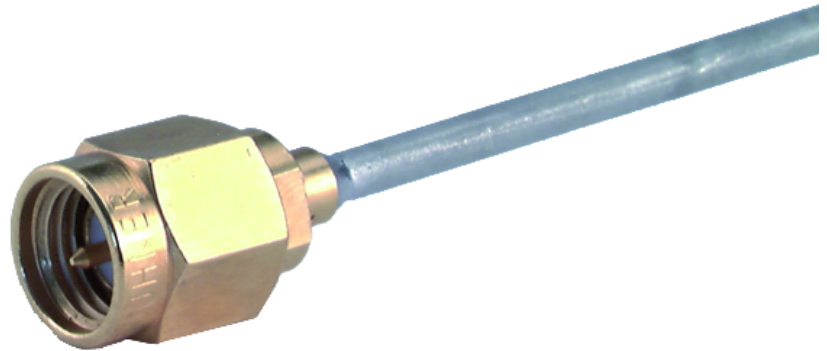


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)

11_SMA-50-2-15/111_N

Properties

- Excellent return loss
- Intermateable with PC3.5 and SK
- 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 Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	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	32 dB	1.06
2.5 GHz ... 5 GHz	28 dB	1.09
5 GHz ... 12.4 GHz	23 dB	1.16
12.4 GHz ... 18 GHz	16 dB	1.4

Mechanical data

Weight	0.0022 kg
Mating cycles	500
Cable entry centre contact	soldered

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Mechanical data

Cable entry outer contact	soldered
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Environmental data

Operation temperature	-65 °C ... 165 °C
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Ordering Information Table

Item number	Item description	Packaging type
22544545	11_SMA-50-2-15/111_NE	Single
22645898	11_SMA-50-2-15/111_NH	Bulk 100 pcs

Suitable cables

Cable group	Y3 - 2 mm / 50 Ohm Y16 - 2 mm / 50 Ohm
Suitable cables	SUCOFORM_86 SR_86_TP_M17 MULTIFLEX_86

Additional Information

Only as assembly	No
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