

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

16_SMA-50-2-105/111_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 / 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)	
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Mechanical data

Weight	0.0047 kg
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	Packaging type
22651455	16_SMA-50-2-105/111_NE	Single
22651456	16_SMA-50-2-105/111_NH	Bulk 100 pcs

Suitable cables	
Cable group	U2 - 2 mm / 50 Ohm
Suitable cables	RG_316_/U
	RG_188_A/U
Additional cables	RG_174_/U

Additional Information	
Only as assembly	No

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