

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

16_SMA-50-3-3/111_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	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 GHz	32 dB	1.05
2 GHz ... 12 GHz	23 dB	1.15
12 GHz ... 18 GHz	10 dB	1.92

Mechanical data	
Weight	0.0045 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	Packaging type
22640073	16_SMA-50-3-3/111_NE	Single
22646569	16_SMA-50-3-3/111_NH	Bulk 100 pcs

Suitable cables	
Cable group	Y5 - 3 mm / 50 Ohm
	Y17 - 3 mm / 50 Ohm
	Y12 - 3 mm / 50 Ohm
Suitable cables	SUCOFORM_141
	MULTIFLEX_141

Additional Information	
Only as assembly	No

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DOCUMENT PIM-P3020 / Date of publication: 25.11.2023 / uncontrolled copy