

COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male)
16_SMA-50-2-111/133_N

Properties

- Excellent return loss
- Intermateable with PC3.5 and SK
- Applicable in frequencies up to 18 GHz



Product configuration	
Interface type	Gender
SMA	plug

Interface and material data		
Piece parts	Material	Plating
Centre contact	Brass	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 1 GHz	32 dB	1.05
1 GHz ... 2.5 GHz	29 dB	1.07
2.5 GHz ... 5 GHz	26 dB	1.11

Mechanical data	
Weight	47 g
Mating cycles	500
Cable entry centre contact	soldered

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Mechanical data		
Cable entry outer contact	crimped	
Environmental data		
Operation temperature	-65 °C ... 165°C	
Ordering Information Table		
Item number	Item description	Packaging type
84130708	16_SMA-50-2-111/133_NE	Single
84117808	16_SMA-50-2-111/133_NP	Bulk 500 pcs
Suitable cables		
Cable group	U2 - 2 mm / 50 Ohm	
Suitable cables	RG_174_/U	
	RG_316_/U	
Additional Information		
Only as assembly	No	

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