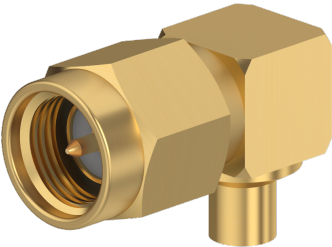


COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male)
16_SMA-50-2-103/111_N

Properties

- Excellent return loss
- Intermateable with PC3.5and 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)	

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

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

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84018309	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead
22652924	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

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

Suitable tools		
Item number	Item description	Type of tool
22643028	74_Z-0-0-164	Trimming tool
22643029	74_Z-0-0-157	Cable stripping tool
22543124	74_Z-0-0-14	Locator

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