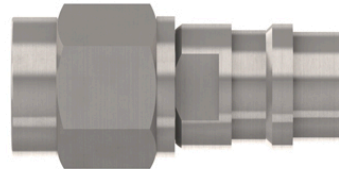


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)

11_SMA-50-5-1/111_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 GHz	25 dB	1.12
2 GHz ... 4 GHz	20 dB	1.22
Mechanical data		
Weight	0.0051 kg	
Mating cycles	500	
Cable entry centre contact	soldered	
Cable entry outer contact	soldered	

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11_SMA-50-5-1/111_N

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

Ordering Information Table		
Item number	Item description	Packaging type
22642399	11_SMA-50-5-1/111_NE	Single

Suitable cables	
Cable group	Y7 - 5 mm / 50 Ohm Y14 - 5 mm / 50 Ohm
Suitable cables	SR_250_TP_M17 SUCOFORM_250-01

Additional Information	
Only as assembly	No

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