

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

16_SMA-50-3-17/199_N

Properties

- Excellent corrosion resistance in a wide range of environments
- High salt mist resistant
- Material 316L stainless steel
- Excellent return loss values
- 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	Stainless Steel (high salt mist resistant)	Passivated (Plating)
Body	Stainless Steel (high salt mist resistant)	Passivated (Plating)
Other body part	Stainless Steel (high salt mist resistant)	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel (high salt mist resistant)	Passivated (Plating)
Gasket	VMQ (Silicone rubber)	
Fastening nut	Stainless Steel	Passivated (Plating)

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	36 dB	1.03
2 GHz ... 4 GHz	32 dB	1.05
4 GHz ... 6 GHz	30 dB	1.07
6 GHz ... 18 GHz	20 dB	1.22

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Mechanical data		
Weight	15.9 g	
Cable entry centre contact	plugged	
Cable entry outer contact	soldered	
Environmental data		
Operation temperature	-65 °C ... 125 °C	
Ingress protection (IP Rating)	Mated / IP67	
Ordering Information Table		
Item number	Item description	Packaging type
85117680	16_SMA-50-3-17/199_NH	Bulk 100 pcs
Suitable cables		
Cable group	Y27 - 3mm / 50 Ohm	
	Y25 - 3mm / 50 Ohm	
Suitable cables	MULTIFLEX_141_CT	
	SUCOFORM_141_CT	
Additional Information		
Remarks	Does not fit on EZ_141_CT !	
Only as assembly	No	

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