

COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male), High salt mist resistant (SS316L)

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85117680	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	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

Suitable tools		
Item number	Item description	Type of tool
22544715	74_Z-0-0-68	Knives / Blades
22643028	74_Z-0-0-164	Trimming tool

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