

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

11_SMA-50-4-102/199_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	Brass	Gold Plating (Nickel underplated)
Outer conductor	Stainless Steel (high salt mist resistant)	Passivated (Plating)
Body	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)	

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	28 dB	1.08
2 GHz ... 4 GHz	26 dB	1.11
4 GHz ... 8 GHz	23 dB	1.15

Mechanical data	
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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Environmental data	
Operation temperature	-65 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85117843	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
85117843	11_SMA-50-4-102/199_NH	Bulk 100 pcs

Suitable cables	
Cable group	X34 - 4 mm / 50 Ohm X28 - 4 mm / 50 Ohm
Suitable cables	SPUMA_240-RS-FR SPUMA_240-FR-01 SPUMA_240-UF SPUMA_240 SPUMA_240-FR-AM

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544758	76_Z-0-4-51	Crimping dies
22543189	76_Z-0-4-1	Crimping dies
22544715	74_Z-0-0-68	Knives / Blades
22543124	74_Z-0-0-14	Locator

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