

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

11_SMA-50-4-101/199_N

Properties

- Suitable for use with Eacon_4C cable
- Applicable in frequencies up to 18 GHz
- Compliant with MIL-STD-348A/310 interface standard

**Product configuration**

Interface type	Gender	Standard
SMA	plug	MIL-STD-348A/310

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Stainless steel	Passivated (Plating)
Body	Stainless steel	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless steel	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 GHz ... 6 GHz	25 dB	1.12
6.01 GHz ... 18 GHz	23 dB	1.15

Mechanical data

Weight	0.0126 kg
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	clamped

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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
84070289	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
84070289	11_SMA-50-4-101/199_NE	Single

Suitable cables	
Cable group	U94 - EACON_4C
Suitable cables	EACON_4C

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544715	74_Z-0-0-68	Knives / Blades
22642718	74_Z-0-0-12	Knives / Blades
84079184	74_Z-0-0-473	Cable stripping tool
84078907	74_Z-0-0-474	Trimming tool
85012794	74_Z-0-0-616	
84079183	74_Z-0-0-476	
84079191	74_Z-0-0-475	
84079187	74_Z-0-0-479	

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