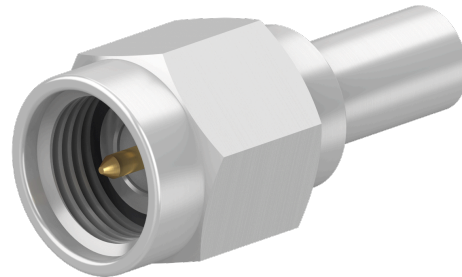


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)

11_SMA-50-2-42/133_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	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 1 GHz	32.26 dB	1.05
1 GHz ... 4 GHz	25.66 dB	1.11

Mechanical data

Weight	0.0033 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22642238	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
22648783	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
22642238	11_SMA-50-2-42/133_NE	Single
22648783	11_SMA-50-2-42/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	U2 - 2 mm / 50 Ohm
Suitable cables	RG_316_/U
	RG_188_A/U
Additional cables	RG_174_/U

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544715	74_Z-0-0-68	Knives / Blades
22544555	74_Z-0-0-54	Holders
22543124	74_Z-0-0-14	Locator

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