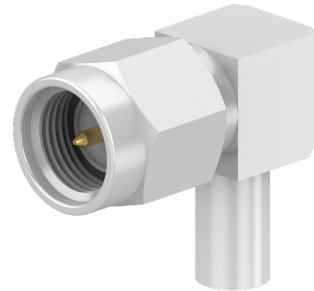


COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male)

16_SMA-50-2-112/133_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	Brass	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
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 dB	1.05
1 GHz ... 2.5 GHz	29 dB	1.07
2.5 GHz ... 5 GHz	26 dB	1.11

Mechanical data

Weight	45 g
Mating cycles	500
Cable entry centre contact	soldered

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

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Mechanical data	
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84130709	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
84117809	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
84130709	16_SMA-50-2-112/133_NE	Single
84117809	16_SMA-50-2-112/133_NP	Bulk 500 pcs

Suitable cables	
Cable group	U4 - 2 mm / 50 Ohm
Suitable cables	G_02232_D
	ENVIROFLEX_316_D

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22543124	74_Z-0-0-14	Locator

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