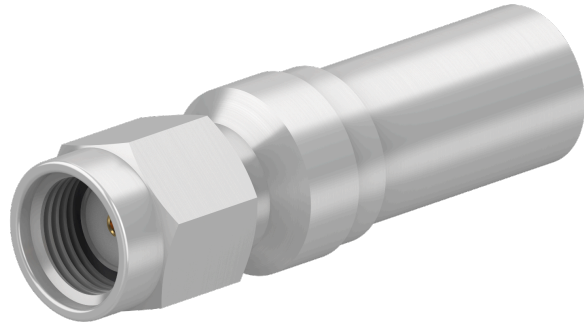


COAXIAL CONNECTOR, SMA-reverse, 50 Ohm, Straight cable plug (male)

11_SMA-R50-4-97/133_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-reverse	plug	HUBER+SUHNER-SMA-R50

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
0.1 GHz ... 2 GHz	25 dB	1.119
2 GHz ... 4 GHz	20 dB	1.222
4 GHz ... 6 GHz	18 dB	1.288

Mechanical data

Weight	0.007 kg
Mating cycles	500
Cable entry centre contact	soldered

COAXIAL CONNECTOR, SMA-reverse, 50 Ohm, Straight 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
84027004	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
84027004	11_SMA-R50-4-97/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	X9 - 4 mm / 50 Ohm
	X34 - 4 mm / 50 Ohm
	X28 - 4 mm / 50 Ohm
	S16 - 4 mm / 50 Ohm
Suitable cables	SPUMA_240-RS-FR
Suitable cables	SX_04172_B-60
	SPUMA_240
	SPUMA_240-UF
	SPUMA_240-FR-01
	SPUMA_240-FR-AM

Additional Information	
Remarks	Reverse polarised interface
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544555	74_Z-0-0-54	Holders
22646290	74_Z-0-0-264	Trimming tool
84074473	76_Z-0-4-23	Crimping dies
22652086	74_Z-0-0-323	Locator

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