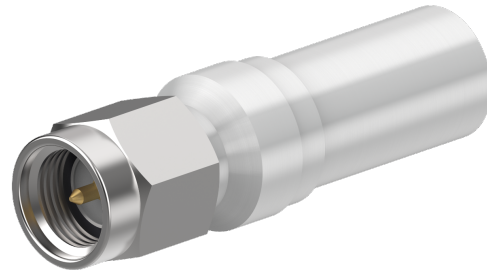


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)

11_SMA-50-4-63/139_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	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Stainless steel	Passivated (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	32 dB	1.052
2 GHz ... 4 GHz	29.6 dB	1.068
4 GHz ... 6 GHz	28.8 dB	1.075

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23015123	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
23015123	11_SMA-50-4-63/139_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	S_04162_B-01
Suitable cables	SPUMA_240
	SPUMA_240-RS-FR
	SPUMA_240-UF
	SPUMA_240-FR-01
	SPUMA_240-FR-AM
Additional cables	LMR-240
	S_04262_D-09

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
22544555	74_Z-0-0-54	Holders
22646290	74_Z-0-0-264	Trimming tool
22543124	74_Z-0-0-14	Locator

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