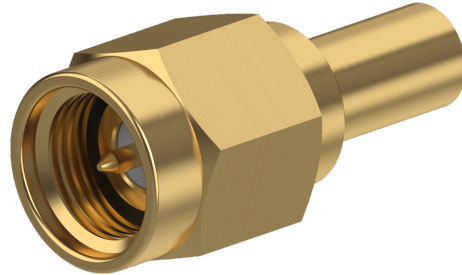


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)

11_SMA-50-1-4/111_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	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Mechanical data

Weight	0.0041 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

Environmental data

Operation temperature	-65 °C ... 165 °C
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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22645871	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
22645871	11_SMA-50-1-4/111_NE	Single

Suitable cables	
Cable group	U1 - 1 mm / 50 Ohm
Suitable cables	RG_196_A/U
	RG_178_B/U

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544756	76_Z-0-2-51	Crimping dies
22543181	76_Z-0-2-1	Crimping dies
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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