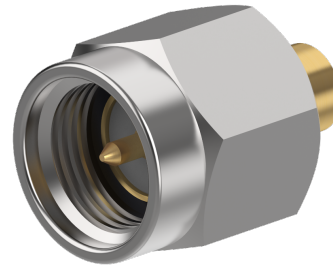


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)

11_SMA-50-2-65/119_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	Stainless steel	
Gasket	VMQ (Silicone rubber)	

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 4 GHz	30.71 dB	1.06
4 GHz ... 8 GHz	26.44 dB	1.10
8 GHz ... 18 GHz	23.69 dB	1.14

Mechanical data

Weight	0.0024 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	soldered

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
22642315	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
22645366	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
22642315	11_SMA-50-2-65/119_NE	Single
22645366	11_SMA-50-2-65/119_NH	Bulk 100 pcs

Suitable cables	
Cable group	Y3 - 2 mm / 50 Ohm
	Y16 - 2 mm / 50 Ohm
	Y11 - 2 mm / 50 Ohm
Suitable cables	SUCOFORM_86_FEP
	MULTIFLEX_86
	SR_86_TP_M17

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544715	74_Z-0-0-68	Knives / Blades
22544559	74_Z-0-0-60	Support
22544558	74_Z-0-0-59	Support
22544557	74_Z-0-0-58	Assembly tool
22544553	74_Z-0-0-52	Positioning aids
23024588	74_Z-0-0-442	Soldering tool
22643028	74_Z-0-0-164	Trimming tool
22643029	74_Z-0-0-157	Cable stripping tool
22643462	74_Z-0-0-142	Trimming tool
23019268	74_Z-0-0-364/---_E	Support
23019269	74_Z-0-0-365	Support
23021266	74_Z-0-0-369	Locator

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