

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

16_SMA-50-4-77/133_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
0.1 GHz ... 2 GHz	37 dB	1.029
2 GHz ... 4 GHz	31.6 dB	1.054
4 GHz ... 6 GHz	30.8 dB	1.059

Mechanical data

Weight	0.0208 kg
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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Environmental data	
Operation temperature	-65 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85018514	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
85018514	16_SMA-50-4-77/133_NE	Single

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

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544758	76_Z-0-4-51	Crimping dies
22543181	76_Z-0-2-1	Crimping dies
22543124	74_Z-0-0-14	Locator

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