

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

16\_SMA-50-3-14/133\_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 GHz ... 1 GHz	36 dB	1.03
1 GHz ... 2.5 GHz	32 dB	1.05
2.5 GHz ... 5 GHz	26 dB	1.11

Mechanical data	
Weight	0.0048 kg
Mating cycles	500
Cable entry centre contact	soldered

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**Mechanical data**

Cable entry outer contact	crimped
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**Environmental data**

Operation temperature	-65 °C ... 165 °C
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**Ordering Information Table**

Item number	Item description	Packaging type
84130711	16_SMA-50-3-14/133_NE	Single
84117811	16_SMA-50-3-14/133_NP	Bulk 500 pcs

**Suitable cables**

Cable group	U9 - 3 mm / 50 Ohm
	U41 - 3 mm / 50 Ohm
	U11 - 3 mm / 50 Ohm
Suitable cables	RG_400_/U
	ENVIROFLEX_400
Additional cables	ENVIROFLEX_142
	RADOX_RF_400

**Additional Information**

Only as assembly	No
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DOCUMENT PIM-P3023 / Date of publication: 12.08.2024 / uncontrolled copy