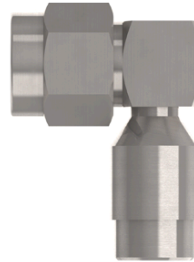


COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male)

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

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-RS-FR SPUMA_240

Additional Information	
Only as assembly	No

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