

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

16_SMB-50-2-50/133_N

Properties

- Snap-on mechanism provides a fast and reliable connection
- Ideal for applications with high packaging density
- Applicable in frequencies up to 4 GHz

**Product configuration**

Interface type	Gender	Standard
SMB	plug	IEC 60169-10_MIL-STD-348A/311_CECC 22130

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	4 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 1 GHz	28 dB	1.09
1 GHz ... 2 GHz	24 dB	1.14

Mechanical data

Weight	0.0039 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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Environmental data		
Operation temperature	-65 °C ... 165°C	
Ordering Information Table		
Item number	Item description	Packaging type
22650181	16_SMB-50-2-50/133_NH	Bulk 100 pcs
Suitable cables		
Cable group	U2 - 2 mm / 50 Ohm	
Suitable cables	RG_174_/U	
	RG_188_A/U	
	RG_316_/U	
Additional Information		
Only as assembly	No	

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