

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

16_SMB-50-2-110/133_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	23 dB	1.15
1 GHz ... 2 GHz	17 dB	1.33

Mechanical data	
Weight	0.0045 kg
Mating cycles	500
Cable entry centre contact	crimped
Cable entry outer contact	crimped

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Engagement / Disengagement force			
	Engagement	Disengagement	
Interface force min	8 N	8 N	
Interface force max	63 N	63 N	
Environmental data			
Operation temperature		-65 °C ... 165 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22659116	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
22659116	16_SMB-50-2-110/133_NH		Bulk 100 pcs
Suitable cables			
Cable group		U2 - 2 mm / 50 Ohm	
Suitable cables		RG_316_/U	
		RG_188_A/U	
		RG_174_/U	
Additional Information			
Only as assembly		No	
Suitable tools			
Item number	Item description		Type of tool
23004027	74_Z-0-0-352		Torque wrench
22660188	74_Z-0-0-343		Assembly tool

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