

COAXIAL ADAPTER, SMA - SMB, 50 Ohm, plug / jack (male / female)

33_SMA-SMB-50-1/111_N

Properties

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials



Product configuration		
Interface type	Gender	Standard
SMA	plug (male)	IEC 60169-15_MIL-STD-348A/310_CECC 22110
SMB	jack (female)	IEC 60169-10_MIL-STD-348A/311_CECC 22130

Interface and material data		
SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	
SMB		
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	

Electrical data	
Impedance	50 Ω
Interface frequency	4 GHz
VSWR	DC - 4 GHz ($\leq 1.05 + 0.04 f \text{ GHz}$)

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Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
4 GHz ... 7 GHz	20 dB	1.21
Mechanical data		
Weight	0.0064 kg	
Mating cycles	500	
Environmental data		
Operation temperature	-65 °C ... 125 °C	
Ordering Information Table		
Item number	Item description	Packaging type
22658917	33_SMA-SMB-50-1/111_NE	Single

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