

COAXIAL ADAPTER, BMA - SMA, 50 Ohm, jack / jack (female / female)

31_BMA-SMA-50-1/1-9_U

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
BMA	jack (female)	IEC 60169-33_MIL-STD-348A/321
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CEEC 22110

Interface and material data

BMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless Steel	Gold Plating (without Nickel underplating)
Body	Stainless Steel	
Insulator	PFA / PTFE	
SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless Steel	
Body	Stainless Steel	
Insulator	PFA / PTFE	

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz
VSWR	DC - 9 GHz ($\leq 1.04 + 0.02 f$ GHz)

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
9 GHz ... 18 GHz	20.1 dB	1.22

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Mechanical data		
Weight	0.0026 kg	
Mating cycles	500	
Environmental data		
Operation temperature	-65 °C ... 125 °C	
Ordering Information Table		
Item number	Item description	Packaging type
22645642	31_BMA-SMA-50-1/1-9_UE	Single

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