

## Between Series Adaptor 31\_BMA-SMA-50-1/1-9\_U

### Description

Adaptor jack/jack  
BMA jack (female) / SMA jack (female)

Interface standards  
Series BMA - IEC 60169-33\_MIL-STD-348A/321  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 9 GHz ≤ 1.04 + 0.02 f (GHz)
Frequency range	9 to 18 GHz
Return loss	≥ 20.1 dB

#### Mechanical Data

Number of matings	500
Weight	0.0026 kg

#### Environmental Data

Operating temperature	-65 °C to 125 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - BMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	Gold Plating (without Nickel underplating)
Body	Stainless Steel	
Insulator	PFA / PTFE	

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	PFA / PTFE	

### Related Documents

Catalogue drawing	DCA-00014617
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### Ordering Information

Single package	31_BMA-SMA-50-1/1-9_UE
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