

## Between Series Adaptor 33\_SMA-SMB-50-1/111\_N

### Description

Adaptor plug/jack  
SMA plug (male) / SMB jack (female)

#### Interface standards

Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110

Series SMB - IEC 60169-10\_MIL-STD-348A/311\_CECC 22130



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	4 GHz
VSWR	DC - 4 GHz ≤ 1.05 + 0.04 f (GHz)
Frequency range	4 to 7 GHz
Return loss	≥ 20 dB

#### Mechanical Data

Number of matings	500
Weight	0.0064 kg

#### Environmental Data

Operating temperature	-65 °C to 125 °C
2011/65/EU (RoHS)	compliant

#### Material Data

Interface - SMA plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	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)	

Interface - SMB jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer contact	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	

### Related Documents

Outline drawing	DOU-00014224
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### Ordering Information

Single package	33_SMA-SMB-50-1/111_NE
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