

## Within Series Adaptor 33\_SMA-R50-0-5/111\_N

### Description

Adaptor plug/jack  
SMA-reverse plug (male) / SMA jack (female)

Reverse polarised interface

Interface standards  
Series SMA-reverse - SUHNER-SMA-R50  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	18 GHz		
Frequency range	DC to 6 GHz	6 to 11 GHz	11 to 18 GHz
Return loss	≥ 20 dB	≥ 16 dB	≥ 12 dB

#### Mechanical Data

Number of matings	500
Weight	0.0048 kg

#### Environmental Data

Operating temperature	-40 °C to 85 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - SMA-reverse plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PE (Polyethylene)	
Coupling nut	Brass	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PE (Polyethylene)	
Coupling nut	Brass	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

### Related Documents

Outline drawing	DOU-00013653
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### Ordering Information

Single package	33_SMA-R50-0-5/111_NE
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### Remarks

Reverse polarised interface (male side)

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