

## Between Series Adaptor 33\_SMA-N-50-51/1--\_N

### Description

Adaptor plug/jack  
SMA-precision plug (male) / N-precision jack (female)

Precision adaptor  
For Test & Measurement applications

Interface standards  
Series SMA-precision - IEC 60169-15\_MIL-STD-348A/405\_CECC 22110  
Series N-precision - IEC 60169-16\_MIL-STD-348A/402\_CECC 22210



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz ≤ 1.025 + 0.007 f (GHz)
Electrical length	35.01 mm

#### Mechanical Data

Number of matings	500
Weight	0.0351 kg

#### Environmental Data

Operating temperature	-55 °C to 70 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - SMA-precision 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	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

Interface - N-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	Air Dielectric - Bead - PPH	

### Related Documents

Catalogue drawing	DCA-00014239
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### Ordering Information

Single package	33_SMA-N-50-51/1--_NE
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### Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C

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