

## Between Series Adaptor 33\_N-SMA-50-51/1--\_U

### Description

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

For Test & Measurement applications  
Precision adaptor

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



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz ≤ 1.025 + 0.007 f (GHz)
Electrical length	40.94 mm

#### Mechanical Data

Number of matings	500
Weight	0.0399 kg

#### Environmental Data

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

#### Material Data

Interface - N-precision plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating

Interface - SMA-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	Air Dielectric - Bead - PPH	

### Related Documents

Catalogue drawing	DCA-00014311
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### Ordering Information

Single package	33_N-SMA-50-51/1--_UE
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### Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C  
Insertion loss: < 0.06 dB up to 18 GHz

## Between Series Adaptor

33\_N-SMA-50-51/1--\_U

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