# **Data Sheet**

# **Between Series Adaptor** 37\_N-SMA-50-51/1--\_N

# **Description**

Panel adaptor jack/jack, flange mount N-precision jack (female) / 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)

32.93 mm

Electrical length

**Mechanical Data** 

Number of matings 500 Weight 0.0415 kg

**Environmental Data** 

-55 °C to 70 °C Operating temperature 2011/65/EU (RoHS) compliant

### **Material Data**

Interface - N-precision jack (female)

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

## Interface - SMA-precision 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	PFA / PTFE	

## **Related Documents**

Outline drawing DOU-00014082

# **Ordering Information**

37\_N-SMA-50-51/1--\_NE Single package

## **Remarks**

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

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