### **Data Sheet**

## **HUBER+SUHNER**

# 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**

 $\begin{array}{ll} \mbox{Impedance} & \mbox{50} \ \Omega \\ \mbox{Interface frequency max.} & \mbox{18 GHz} \\ \mbox{VSWR} & \mbox{DC - 18 GHz} \\ \end{array}$ 

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

#### **Ordering Information**

Single package 33\_SMA-N-50-51/1--\_NE

#### Remarks

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

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