### **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

## Within Series Adaptor 33\_SMA-50-0-100/111\_N

#### **Description**

Adaptor plug/jack

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

For Test & Measurement applications Expanded freq. range up to 26.5 GHz

Interface standard

Series SMA-precision - IEC 60169-15\_MIL-STD-348A/405\_CECC 22110

#### **Technical Data**



 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Interface frequency max.} & 26.5 \ \mbox{GHz} \\ \mbox{Electrical length} & 31.94 \ \mbox{mm} \end{array}$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0055 kg

**Environmental Data** 

Operating temperature -65 °C to 125 °C 2011/65/EU (RoHS) 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 - 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**

Catalogue drawing DCA-00013734

#### **Ordering Information**

Single package 33\_SMA-50-0-100/111\_NE

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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