### **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

## Between Series Adaptor 31\_SMA-SMB-50-1/111\_U

#### **Description**

Adaptor jack/jack

SMA jack (female) / SMB jack (female)

Interface standards

Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110 Series SMB - IEC 60169-10\_MIL-STD-348A/311\_CECC 22130



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 4 \ \text{GHz} \\ \text{VSWR} & \text{DC - 4 GHz} \\ \end{array}$ 

 $\leq 1.05 + 0.04 f (GHz)$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0045 kg

**Environmental Data** 

Operating temperature  $$-65\,^{\circ}\text{C}$$  to 165  $^{\circ}\text{C}$$  2011/65/EU (RoHS) compliant

**Material Data** 

Interface - SMA 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	Brass	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	

#### Interface - SMB jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing DOU-00014568

#### **Ordering Information**

Single package 31\_SMA-SMB-50-1/111\_UE

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

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