## **Data Sheet**

# **HUBER+SUHNER**

# Between Series Adaptor 37\_BMA-SMA-50-1/1--\_U

#### **Description**

Panel adaptor jack/jack, flange mount BMA jack (female) / SMA jack (female)

Interface standards

Series BMA - IEC 60169-33\_MIL-STD-348A/321

Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \mbox{Impedance} & \mbox{50} \ \Omega \\ \mbox{Interface frequency max.} & \mbox{18 GHz} \\ \mbox{VSWR} & \mbox{DC - 9 GHz} \end{array}$ 

≤ 1.07 + 0.017 f (GHz)

Frequency range 9 to 18 GHz Return loss  $\geq$  20.1 dB

**Mechanical Data** 

Number of matings 500
Weight 0.0061 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °C to 125 °C compliant

#### **Material Data**

Interface - BMA 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	Stainless Steel	
Insulator	PFA / PTFE	

#### Interface - SMA jack (female)

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

#### **Related Documents**

Outline drawing DOU-00014085
Mounting hole DOU-00008816

#### **Ordering Information**

Single package 37\_BMA-SMA-50-1/1--\_UE

#### Remarks

Impedance matching

DC to 9 GHz: VSWR <= 1.07 + 0.017 \* f [GHz] 9 to 18 GHz: VSWR <= 1.22 / return loss >= 20.1 dB

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

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