# **Data Sheet**



# Between Series Adaptor 33\_MMBX-SMA-50-1/111\_N

### **Description**

Adaptor plug/jack MMBX plug (male) / SMA jack (female)

Interface standards
Series MMBX - SUHNER-MMBX
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \mbox{Impedance} & \mbox{50} \ \Omega \\ \mbox{Interface frequency max.} & \mbox{12.4 GHz} \\ \mbox{Frequency range} & \mbox{DC to 2.5 GHz} \end{array}$ 

 Frequency range
 DC to 2.5 GHz
 2.5 to 6 GHz
 6 to 12.4 GHz

 Return loss
 ≥ 32 dB
 ≥ 30 dB
 ≥ 16 dB

**Mechanical Data** 

Number of matings 500
Weight 0.0018 kg

**Environmental Data** 

Operating temperature -55 °C to 155 °C 2011/65/EU (RoHS) compliant

**Material Data** 

Interface - MMBX plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	SUCOPRO Plating
Body	Copper Beryllium Alloy	SUCOPRO Plating
Insulator	PFA / PTFE	

## Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	SUCOPRO Plating
Body	Copper Beryllium Alloy	SUCOPRO Plating
Insulator	PFA / PTFE	

# **Related Documents**

Outline drawing DOU-00013973

# **Ordering Information**

Single package 33\_MMBX-SMA-50-1/111\_NE

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