# **Data Sheet**



# Between Series Adaptor 31\_MMCX-SMA-50-1/111\_O

# **Description**

Adaptor jack/jack

MMCX jack (female) / SMA jack (female)

Interface standards

Series MMCX - SUHNER-MMCX

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



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 6 \ \text{GHz} \end{array}$ 

Frequency range DC to 2.5 GHz
Return loss ≥ 26 dB

**Mechanical Data** 

Number of matings 500
Weight 0.0043 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -55 °C to 125 °C compliant

#### **Material Data**

Interface - MMCX jack (female)

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

2.5 to 6 GHz

≥ 21 dB

### 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	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	

## **Related Documents**

Catalogue drawing DCA-00014596

# **Ordering Information**

Single package 31\_MMCX-SMA-50-1/111\_OE

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