# **Data Sheet**



# Between Series Adaptor 31\_MCX-SMA-50-1/111\_N

## **Description**

Adaptor jack/jack

MCX jack (female) / SMA jack (female)

Interface standards

Series MCX - IEC 60169-36\_CECC 22220

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

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### **Technical Data**

**Electrical Data** 

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

 $\leq 1.03 + 0.03 f (GHz)$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0049 kg

**Environmental Data** 

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

### **Material Data**

Interface - MCX 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	

### 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-00014611

### **Ordering Information**

Single package 31\_MCX-SMA-50-1/111\_NE

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