### **Data Sheet**

## **HUBER+SUHNER**

# Between Series Adaptor 33\_SMA-MCX-50-1/111\_N

#### **Description**

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

Interface standards

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

Series MCX - IEC 60169-36\_CECC 22220



**Electrical Data** 

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

≤ 1.03 + 0.03 f (GHz)

**Mechanical Data** 

Number of matings 500
Weight 0.0062 kg

**Environmental Data** 

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

#### **Material Data**

Interface - SMA plug (male)

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	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

#### Interface - MCX 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	

#### **Related Documents**

Catalogue drawing DCA-00014241

**Ordering Information** 

Single package 33\_SMA-MCX-50-1/111\_NE

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

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