# **Data Sheet**



# Between Series Adaptor 39\_SMA-N-50-1/1--\_N

## **Description**

Panel adaptor plug/jack, flange mount SMA plug (male) / N jack (female)

Interface standards

Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110 Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Interface frequency max.} & 18 \ \mbox{GHz} \\ \mbox{VSWR} & \mbox{DC - 12.4 \ GHz} \end{array}$ 

≤ 1.05 + 0.015 f (GHz)

**Mechanical Data** 

Number of matings 500
Weight 0.0277 kg

**Environmental Data** 

Operating temperature -65 °C to 165 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) 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	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

#### Interface - N jack (female)

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

#### **Related Documents**

Catalogue drawing DCA-00014063 Mounting hole DOU-00013979

#### **Ordering Information**

Single package 39\_SMA-N-50-1/1--\_NE

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