## **Data Sheet**

# **HUBER+SUHNER**

# Between Series Adaptor 32\_N-SMA-50-1/11-\_N

#### **Description**

Adaptor plug/plug

N plug (male) / SMA plug (male)

Interface standards

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

### **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 + 0.017 f (GHz)

**Mechanical Data** 

Number of matings 500
Weight 0.0316 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)

-65 °C to 165 °C compliant

#### **Material Data**

Interface - N 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	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

#### 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	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Bronze	Gold Plating (without Nickel underplating)
Gasket	VMQ (Silicone rubber)	

#### **Related Documents**

Catalogue drawing DCA-00014488

#### **Ordering Information**

Single package 32\_N-SMA-50-1/11-\_NE

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

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