### **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

## Between Series Adaptor 33\_BNC-SMA-50-1/1--\_U

#### **Description**

Adaptor plug/jack

BNC plug (male) / SMA jack (female)

Interface standards

Series BNC - IEC 61169-8\_MIL-STD-348A/301\_CECC 22120 Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \mbox{Impedance} & \mbox{50 } \Omega \\ \mbox{Interface frequency max.} & \mbox{4 GHz} \\ \mbox{VSWR} & \mbox{DC - 4 GHz} \end{array}$ 

≤ 1.03 + 0.03 f (GHz)

**Mechanical Data** 

Number of matings 500
Weight 0.0118 kg

**Environmental Data** 

Operating temperature -65 °C to 165 °C 2011/65/EU (RoHS) compliant

#### **Material Data**

Interface - BNC plug (male)

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	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

#### 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-00014375

#### **Ordering Information**

Single package 33\_BNC-SMA-50-1/1--\_UE

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

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