# **Data Sheet**



# Between Series Adaptor 32\_BNC-SMA-50-1/1--\_U

# **Description**

Adaptor plug/plug

BNC plug (male) / SMA plug (male)

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** 

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

 $\leq 1.03 + 0.03 f (GHz)$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0132 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °C to 165 °C 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 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 (without Nickel underplating)
Gasket	FVMQ (Fluoro silicone elastomer)	

## **Related Documents**

Catalogue drawing DCA-00014530

# **Ordering Information**

Single package 32\_BNC-SMA-50-1/1--\_UE

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