# **Data Sheet**



# Between Series Adaptor 31\_BNC-SMB-50-2/1--\_U

# **Description**

Adaptor jack/jack

BNC jack (female) / SMB jack (female)

Interface standards

Series BNC - IEC 61169-8\_MIL-STD-348A/301\_CECC 22120 Series SMB - IEC 60169-10\_MIL-STD-348A/311\_CECC 22130



#### **Technical Data**

#### **Electrical Data**

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 4 \ \text{GHz} \\ \text{VSWR} & \text{DC - 2 GHz} \\ \end{array}$ 

≤ 1.03 + 0.0095 f (GHz)

Frequency range 2 to 4 GHz Return loss  $\geq$  20 dB

**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 165 °C compliant

#### **Material Data**

Interface - BNC 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	

# Interface - SMB jack (female)

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

# **Related Documents**

Catalogue drawing DCA-00014635

# **Ordering Information**

Single package 31\_BNC-SMB-50-2/1--\_UE

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