# **Data Sheet**



# Between Series Adaptor 33\_SMC-BNC-50-2/1--\_N

## **Description**

Adaptor plug/jack

SMC plug (male) / BNC jack (female)

Interface standards

Series SMC - IEC 60169-9\_MIL-STD-348A/312\_CECC 22140 Series BNC - IEC 61169-8\_MIL-STD-348A/301\_CECC 22120



#### **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 + 0.095 f (GHz)

Frequency range 2 to 4 GHz
Return loss ≥ 20 dB

**Mechanical Data** 

Number of matings 500
Weight 0.0064 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °C to 165 °C compliant

#### **Material Data**

Interface - SMC plug (male)

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

# 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	

#### **Related Documents**

Catalogue drawing DCA-00014209

## **Ordering Information**

Single package 33\_SMC-BNC-50-2/1--\_NE

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