# **Data Sheet**



# Between Series Adaptor 33\_BNC-SMC-50-2/1--\_N

# **Description**

Adaptor plug/jack

BNC plug (male) / SMC jack (female)

Interface standards

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



#### **Technical Data**

**Electrical Data** 

 $\begin{tabular}{ll} Impedance & 50 $\Omega$ \\ Interface frequency max. & 4 $GHz$ \\ Frequency range & DC to 4 $GHz$ \\ Return loss & $\geq 20 $ dB$ \\ \end{tabular}$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0112 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	Brass	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 - SMC jack (female)

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

# **Related Documents**

Catalogue drawing DCA-00014379

### **Ordering Information**

Single package 33\_BNC-SMC-50-2/1--\_NE

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