# **Data Sheet**



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

# **Description**

Adaptor plug/jack

SMC plug (male) / N jack (female)

Interface standards

Series SMC - IEC 60169-9\_MIL-STD-348A/312\_CECC 22140 Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 10 \ \text{GHz} \end{array}$ 

 Frequency range
 DC to 2 GHz
 2 to 4 GHz
 4 to 10 GHz

 Return loss
 ≥ 26 dB
 ≥ 20 dB
 ≥ 15 dB

**Mechanical Data** 

Number of matings 500
Weight 0.0201 kg

**Environmental Data** 

Operating temperature -65 °C to 165 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) 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 - N 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-00014211

# **Ordering Information**

Single package 33\_SMC-N-50-1/1--\_NE

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