# **Data Sheet**



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

## **Description**

Adaptor jack/jack

N jack (female) / SMB jack (female)

Interface standards

Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210 Series SMB - IEC 60169-10\_MIL-STD-348A/311\_CECC 22130



#### **Technical Data**

**Electrical Data** 

 $\begin{tabular}{ll} Impedance & 50 $\Omega$ \\ Interface frequency max. & 4 $GHz$ \\ VSWR & DC - 3 $GHz$ \\ $\le 1.03 + 0.08 $f (GHz)$ \\ \end{tabular}$ 

Frequency range 3 to 4 GHzReturn loss  $\geq 18 \text{ dB}$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0203 kg

**Environmental Data** 

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

# **Material Data**

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	

#### 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-00014586

#### **Ordering Information**

Single package 31\_N-SMB-50-1/1--\_UE

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