### **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

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

#### **Description**

Adaptor jack/jack

N jack (female) / SMA jack (female)

Interface standards

Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210 Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Interface frequency max.} & 18 \ \mbox{GHz} \\ \mbox{VSWR} & \mbox{DC - 12.4 GHz} \\ & \leq 1.05 + 0.015 \ \mbox{f (GHz)} \end{array}$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0198 kg

**Environmental Data** 

Operating temperature -65 °C to 165 °C 2011/65/EU (RoHS) 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 - SMA jack (female)

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

#### **Related Documents**

Catalogue drawing DCA-00014582

#### **Ordering Information**

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

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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