### **Data Sheet**

# **HUBER+SUHNER**

# Within Series Adaptor 31\_N-50-0-51/199\_N

#### **Description**

Adaptor jack/jack

N-precision jack (female) / N-precision jack (female)

Precision adaptor

For Test & Measurement applications

Interface standard

Series N-precision - IEC 60169-16\_MIL-STD-348A/402\_CECC 22210



#### **Technical Data**

#### **Electrical Data**

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Interface frequency max.} & 18 \ \mbox{GHz} \\ \mbox{VSWR} & DC - 18 \ \mbox{GHz} \\ \mbox{$\leq 1.03 + 0.01 \ f \ (\mbox{GHz})$} \\ \mbox{Electrical length} & 27.5 \ \mbox{mm} \end{array}$ 

**Mechanical Data** 

Number of matings 500 Weight 0.0387 kg

**Environmental Data** 

Operating temperature -55 °C to 70 °C 2011/65/EU (RoHS - including compliant 2015/863 and 2017/2102)

#### **Material Data**

Interface - N-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	

#### Interface - N-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
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Insulator	Air Dielectric - Bead - PPH	

#### **Related Documents**

Catalogue drawing DCA-00013816

#### **Ordering Information**

Single package 31\_N-50-0-51/199\_NE

#### Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

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