### **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

## 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{tabular}{ll} Impedance & 50 $\Omega$ \\ Interface frequency max. & 18 $GHz$ \\ VSWR & DC - 18 $GHz$ \\ $\le 1.03 + 0.01 $f (GHz)$ \\ \end{tabular}$ 

Electrical length 27.5 mm

**Mechanical Data** 

Number of matings 500
Weight 0.0387 kg

**Environmental Data** 

Operating temperature -55 °C to 70 °C 2011/65/EU (RoHS) compliant

#### **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	

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#### **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  $^{\circ}\text{C}$  to 33  $^{\circ}\text{C}$ 

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