## **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

# Between Series Adaptor 33\_N-PC35-50-1/1--\_U

#### **Description**

Adaptor plug/jack

N-precision plug (male) / PC 3.5 jack (female)

For Test & Measurement applications

Precision adaptor

Interface standards

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

Series PC 3.5 - IEC 60169-23



#### **Technical Data**

#### **Electrical Data**

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 18 \ \text{GHz} \end{array}$ 

Frequency range DC to 12.4 GHz 12.4 to 18 GHz Return loss  $\geq$  26 dB  $\geq$  23 dB Electrical length 41.5 mm

**Mechanical Data** 

Number of matings 500 Weight 0.04 kg

**Environmental Data** 

Operating temperature  $$-55\ ^{\circ}\text{C}$$  to 70  $^{\circ}\text{C}$$  2011/65/EU (RoHS) compliant

#### **Material Data**

Interface - N-precision plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating

#### Interface - PC 3.5 jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	

#### **Related Documents**

Catalogue drawing DPA-00040388

#### **Ordering Information**

Single package 33\_N-PC35-50-1/1--\_UE

#### **Remarks**

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

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

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