### **Data Sheet**

# **HUBER+SUHNER**

# Within Series Adaptor 33\_N-50-0-7/133\_N

#### **Description**

Adaptor plug/jack

N plug (male) / N jack (female)

Interface standard

Series N - IEC 61169-16 MIL-STD-348A/304 CECC 22210



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Interface frequency max.} & 18 \ \mbox{GHz} \\ \mbox{VSWR} & \mbox{DC - 18 GHz} \\ \mbox{ $\leq 1.03 + 0.05 f (GHz)$} \end{array}$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0419 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 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

#### Interface - N jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing DOU-00013882

#### **Ordering Information**

Single package 33\_N-50-0-7/133\_NE

#### Remarks

Interface N male: without flat gasket

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

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