## **Data Sheet**

# **HUBER+SUHNER**

# Within Series Adaptor 33\_N-Q50-0-14/13-\_N

#### **Description**

Adaptor plug/jack

N plug (male) / N Quick-mate jack (female)

Quick-mate coupling mechanism, pluggable without tightening For Test & Measurement applications

Interface standards

Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210 Series N Quick-mate - HUBER+SUHNER Quick-mate



#### **Technical Data**

**Electrical Data** 

 Impedance
 50 Ω

 Interface frequency max.
 11 GHz

 Frequency range
 DC to 4 GHz

 Return loss
 ≥ 24 dB

**Mechanical Data** 

Number of matings 500
Weight 0.0427 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °C to 165 °C compliant

#### **Material Data**

Interface - N plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) / SUCOPRO Plating
Body	Brass	SUCOPLATE (R) / SUCOPRO Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

4 to 8 GHz ≥ 20 dB

#### Interface - N Quick-mate jack (female)

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

#### **Related Documents**

Outline drawing DOU-00013719

#### **Ordering Information**

Single package 33\_N-Q50-0-14/13-\_NE

#### Remarks

Durability of QUICK MATE interface: 5000 matings

### **Data Sheet**



Within Series Adaptor 33\_N-Q50-0-14/13-\_N

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

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