## **Data Sheet**



# Between Series Adaptor 33\_SMA-N-Q50-4/1-3\_N

## **Description**

Adaptor plug/jack

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

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

Interface standards

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



## **Technical Data**

**Electrical Data** 

 Impedance
 50 Ω

 Interface frequency max.
 18 GHz

 Frequency range
 DC to 6 GHz

 Return loss
 ≥ 29 dB

**Mechanical Data** 

Number of matings 500
Weight 0.0221 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)

-65 °C to 165 °C compliant

#### **Material Data**

Interface - SMA Quick-mate plug (male)

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

6 to 12.4 GHz

≥ 21 dB

## Interface - N jack (female)

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

## **Related Documents**

Outline drawing DOU-00014221

## **Ordering Information**

Single package 33\_SMA-N-Q50-4/1-3\_NE

## Remarks

Durability of QUICK MATE interface: 1000 matings

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

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