

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 33\_N-SMA-50-51/1--\_U



### Description

Adaptor plug/jack  
N-precision plug (male) / SMA-precision jack (female)

Interface standards  
IEC 60169-16\_MIL-STD-348A/402\_CECC 22210



### Technical Data

#### Electrical Data

|                          |                                  |
|--------------------------|----------------------------------|
| Impedance                | 50 Ω                             |
| Interface frequency max. | 18 GHz                           |
| VSWR                     | DC - 18 GHz<br>≤ 1.025 + 0.007 f |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0399 kg |

#### Environmental Data

|  |                             |
|--|-----------------------------|
| Operating Temperature<br>2002/95/EC (RoHS) | 13 °C to 33 °C<br>compliant |
|--|-----------------------------|

#### Material Data

##### Piece Parts (N-precision)

|                |                             |
|----------------|-----------------------------|
| Centre contact | Copper Beryllium Alloy      |
| Outer contact  | Stainless Steel             |
| Body           | Stainless Steel             |
| Insulator      | Air Dielectric - Bead - PPH |
| Coupling nut   | Brass                       |

##### Piece Parts (SMA-precision)

|                |                             |
|----------------|-----------------------------|
| Centre contact | Copper Beryllium Alloy      |
| Outer contact  | Copper Beryllium Alloy      |
| Body           | Copper Beryllium Alloy      |
| Insulator      | Air Dielectric - Bead - PPH |

##### Surface Plating

Gold Plating (without Nickel underplating)

##### SUCOPLATE (R) Plating

##### Surface Plating

Gold Plating (without Nickel underplating)  
Gold Plating (without Nickel underplating)  
Gold Plating (without Nickel underplating)

### Related Documents

#### Ordering Information

|                |                       |
|----------------|-----------------------|
| Single package | 33_N-SMA-50-51/1--_UE |
|----------------|-----------------------|

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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