

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 33\_N-PC24-50-1/199\_U



### Description

Adaptor plug/jack  
N-precision plug (male) / PC 2.4 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           |              |
| Frequency range          | DC to 10 GHz     | 10 to 18 GHz |
| Return loss              | ≥ 32 dB          | ≥ 28 dB      |
| Electrical Length        | 33.63 mm +/- 0.1 |              |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0353 kg |

#### Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | °C to °C  |
| 2002/95/EC (RoHS)     | 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 (PC 2.4)

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

##### Surface Plating

Gold Plating (without Nickel underplating)

SUCOPLATE (R) Plating

##### Surface Plating

Gold Plating (without Nickel underplating)

### Related Documents

#### Ordering Information

|                |                       |
|----------------|-----------------------|
| Single package | 33_N-PC24-50-1/199_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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