# Data Sheet

HUBER+SUHNER

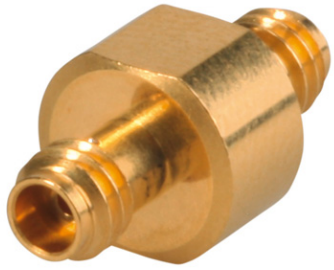
## Within Series Adaptor
## 31_PC1-50-0-1/111_UE

## Description

Adaptor jack/jack
PC 1 jack (female) / PC 1 jack (female)

For Test & Measurement applications
Precision adaptor

Interface standard
Series PC 1 - IEEE 287:2007



## Technical Data

### Electrical Data

| | | | |
|---|---|---|---|
| Impedance | 50 Ω | | |
| Interface frequency max. | 110 GHz | | |
| Frequency range | DC to 50 GHz | 50 to 75 GHz | 75 to 110 GHz |
| Return loss | ≥ 20 dB | ≥ 17.5 dB | ≥ 16 dB |

### Mechanical Data

| | |
|---|---|
| Number of matings | 100 |
| Weight | 0.004 kg |

### Environmental Data

| | |
|---|---|
| Operating temperature | 15 °C to 30 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |

### Material Data

Interface - PC 1 jack (female)

| Piece Parts | Material | Surface Plating |
|---|---|---|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Body | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Insulator | PEEK (Polyether-etherketone) | |

Interface - PC 1 jack (female)

| Piece Parts | Material | Surface Plating |
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## Related Documents

| | |
|---|---|
| Outline drawing | DOU-00288033 |

## Ordering Information

| | |
|---|---|
| Single package | 31_PC1-50-0-1/111_UE |



Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.

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