

## Between Series Adaptor 33\_PC24-N-50-1/199\_U

### Description

Adaptor plug/jack  
PC 2.4 plug (male) / N-precision jack (female)

For Test & Measurement applications  
Precision adaptor

Interface standards  
Series PC 2.4 - IEC 60169-38  
Series N-precision - 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        | 33.67 mm     |              |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0345 kg |

#### Environmental Data

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Operating temperature                                | -55 °C to 70 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant       |

#### Material Data

Interface - PC 2.4 plug (male)

| Piece Parts    | Material                    | Surface Plating                            |
|----------------|-----------------------------|--------------------------------------------|
| Centre contact | Copper Beryllium Alloy      | Gold Plating (without Nickel underplating) |
| Outer contact  | Stainless Steel             |                                            |
| Body           | Stainless Steel             |                                            |
| Insulator      | Air Dielectric - Bead - PPH |                                            |
| Coupling nut   | Stainless Steel             |                                            |

Interface - N-precision jack (female)

| Piece Parts    | Material                    | Surface Plating                            |
|----------------|-----------------------------|--------------------------------------------|
| Centre contact | Copper Beryllium Alloy      | Gold Plating (without Nickel underplating) |
| Outer contact  | Stainless Steel             |                                            |
| Body           | Stainless Steel             |                                            |
| Insulator      | Air Dielectric - Bead - PPH |                                            |

### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00014301 |
|-------------------|--------------|

### Ordering Information

|                |                       |
|----------------|-----------------------|
| Single package | 33_PC24-N-50-1/199_UE |
|----------------|-----------------------|

### Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C

## Between Series Adaptor 33\_PC24-N-50-1/199\_U