

## Between Series Adaptor 33\_N-BNC-50-1/133\_U

### Description

Adaptor plug/jack  
N plug (male) / BNC jack (female)

Interface standards

Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210

Series BNC - IEC 61169-8\_MIL-STD-348A/301\_CECC 22120



### Technical Data

#### Electrical Data

|                          |             |
|--------------------------|-------------|
| Impedance                | 50 Ω        |
| Interface frequency max. | 4 GHz       |
| Frequency range          | DC to 4 GHz |
| Return loss              | ≥ 20 dB     |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0387 kg |

#### Environmental Data

|                                                      |                  |
|------------------------------------------------------|------------------|
| Operating temperature                                | -65 °C to 165 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant        |

#### Material Data

Interface - N plug (male)

| Piece Parts    | Material               | Surface Plating                            |
|----------------|------------------------|--------------------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact  | Brass                  | SUCOPLATE (R) Plating                      |
| Body           | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator      | PFA / PTFE             |                                            |
| Coupling nut   | Brass                  | SUCOPLATE (R) Plating                      |
| Gasket         | VMQ (Silicone rubber)  |                                            |

Interface - BNC jack (female)

| Piece Parts    | Material               | Surface Plating                            |
|----------------|------------------------|--------------------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact  | Brass                  | SUCOPLATE (R) Plating                      |
| Body           | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator      | PFA / PTFE             |                                            |

### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00014047 |
|-------------------|--------------|

### Ordering Information

|                |                     |
|----------------|---------------------|
| Single package | 33_N-BNC-50-1/133_U |
|----------------|---------------------|