

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

### Description

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

Interface standards  
Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210  
Series TNC - IEC 60169-17\_MIL-STD-348A/313\_CECC 22200



### Technical Data

#### Electrical Data

|                          |                                      |
|--------------------------|--------------------------------------|
| Impedance                | 50 Ω                                 |
| Interface frequency max. | 11 GHz                               |
| VSWR                     | DC - 11 GHz<br>≤ 1.13 + 0.02 f (GHz) |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0403 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 (Nickel underplated) |
| 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 - TNC jack (female)

| Piece Parts    | Material               | Surface Plating                   |
|----------------|------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact  | Brass                  | SUCOPLATE (R) Plating             |
| Body           | Brass                  | SUCOPLATE (R) Plating             |
| Insulator      | PFA / PTFE             |                                   |

### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00014292 |
|-------------------|--------------|

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 33_N-TNC-50-1/133_NE |
|----------------|----------------------|

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