

## Between Series Adaptor 33\_TNC-N-50-1/133\_U

### Description

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

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



### Technical Data

#### Electrical Data

|                          |             |              |  |               |
|--------------------------|-------------|--------------|--|---------------|
| Impedance                | 50 Ω        |              |  |               |
| Interface frequency max. | 11 GHz      |              |  |               |
| Frequency range          | DC to 3 GHz | 3 to 5.5 GHz |  | 5.5 to 11 GHz |
| Return loss              | ≥ 32 dB     | ≥ 21 dB      |  | ≥ 9 dB        |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0386 kg |

#### Environmental Data

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

#### Material Data

Interface - TNC 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 - N 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      |                        |  |

### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00014195 |
|-------------------|--------------|

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 33_TNC-N-50-1/133_UE |
|----------------|----------------------|

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