

## Between Series Adaptor 31\_SMA-TNC-50-1/1--\_U

### Description

Adaptor jack/jack  
SMA jack (female) / TNC jack (female)

Interface standards  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110  
Series TNC - IEC 60169-17\_MIL-STD-348A/313\_CECC 22200



### Technical Data

#### Electrical Data

|                          |             |            |             |
|--------------------------|-------------|------------|-------------|
| Impedance                | 50 Ω        |            |             |
| Interface frequency max. | 11 GHz      |            |             |
| Frequency range          | DC to 2 GHz | 2 to 6 GHz | 6 to 11 GHz |
| Return loss              | ≥ 26.4 dB   | ≥ 20.8 dB  | ≥ 17.7 dB   |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0079 kg |

#### Environmental Data

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

#### Material Data

Interface - SMA 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      | PFA / PTFE             |  |

Interface - TNC 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-00014572 |
|-------------------|--------------|

### Ordering Information

|                |                        |
|----------------|------------------------|
| Single package | 31_SMA-TNC-50-1/1--_UE |
|----------------|------------------------|