

## Between Series Adaptor 37\_N-SMA-50-1/1--\_U

### Description

Panel adaptor jack/jack, flange mount  
N jack (female) / SMA jack (female)

Interface standards

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

Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

|                          |                                         |
|--------------------------|-----------------------------------------|
| Impedance                | 50 Ω                                    |
| Interface frequency max. | 18 GHz                                  |
| VSWR                     | DC - 12.4 GHz<br>≤ 1.05 + 0.015 f (GHz) |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0264 kg |

#### Environmental Data

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

#### Material Data

Interface - N 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           | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator      | PFA / PTFE             |                                            |

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             |                                            |

### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00014077 |
| Mounting hole     | DOU-00013979 |

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 37_N-SMA-50-1/1--_UE |
|----------------|----------------------|