

## Between Series Adaptor 37\_N-716-50-1/003\_-

### Description

Panel adaptor jack/jack, flange mount  
N jack (female) / 7/16 jack (female)

#### Interface standards

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

Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250



### Technical Data

#### Electrical Data

|                          |                                       |
|--------------------------|---------------------------------------|
| Impedance                | 50 Ω                                  |
| Interface frequency max. | 7.5 GHz                               |
| VSWR                     | DC - 7.5 GHz<br>≤ 1.03 + 0.02 f (GHz) |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.1091 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 jack (female)

| Piece Parts    | Material               | Surface Plating |
|----------------|------------------------|-----------------|
| Centre contact | Copper Beryllium Alloy | Silver Plating  |
| Outer contact  | Brass                  | Silver Plating  |
| Body           | Brass                  | Silver Plating  |
| Insulator      | PFA / PTFE             |                 |

Interface - 7/16 jack (female)

| Piece Parts    | Material   | Surface Plating |
|----------------|------------|-----------------|
| Centre contact | Bronze     | Silver Plating  |
| Outer contact  | Brass      | Silver Plating  |
| Body           | Brass      | Silver Plating  |
| Insulator      | PFA / PTFE |                 |

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00014096 |
| Mounting hole   | DOU-00008824 |

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 37_N-716-50-1/003_-E |
|----------------|----------------------|

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