

## Between Series Adaptor 33\_716-N-50-1/---\_U

### Description

Adaptor plug/jack  
7/16 plug (male) / N jack (female)

Interface standards  
Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250  
Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



### 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            | 0.0928 kg |

#### Environmental Data

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

#### Material Data

Interface - 7/16 plug (male)

| Piece Parts    | Material              | Surface Plating       |
|----------------|-----------------------|-----------------------|
| Centre contact | Brass                 | Silver Plating        |
| Outer contact  | Brass                 | Silver Plating        |
| Body           | Brass                 | Silver 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 Nickel Alloy | Gold Plating (without Nickel underplating) |
| Outer contact  | Brass               | SUCOPLATE (R) Plating                      |
| Body           | Brass               | SUCOPLATE (R) Plating                      |
| Insulator      | PFA / PTFE          |                                            |

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00014432 |
|-----------------|--------------|

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 33_716-N-50-1/---_UE |
|----------------|----------------------|

## Between Series Adaptor

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