

## Within Series Adaptor 32\_716-50-0-2/133\_W

### Description

PIM Adaptor plug/plug  
7/16 plug (male) / 7/16 plug (male)

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



### Benefits

Low passive intermodulation (PIM) adaptor  
For Test & Measurement applications

### Technical Data

#### Electrical Data

|  |   |
|--|---|
| Impedance  | 50 Ω  |
| Interface frequency max.                             | 7.5 GHz                                     |
| PIM, 3rd order intermodulation distortion (IMD) max. | Static -165 dBc at 2x 43 dBm / 20 W carrier |

#### Mechanical Data

|                   |          |
|-------------------|----------|
| Number of matings | 500      |
| Weight            | 0.128 kg |

#### Environmental Data

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

#### Material Data

Interface - 7/16 plug (male)

| Piece Parts    | Material   | Surface Plating       |
|----------------|------------|-----------------------|
| Centre contact | Brass      | SUCOPRO Plating       |
| Outer contact  | Brass      | SUCOPLATE (R) Plating |
| Body           | Brass      | SUCOPLATE (R) Plating |
| Insulator      | PFA / PTFE |                       |
| Coupling nut   | Brass      | SUCOPLATE (R) Plating |

Interface - 7/16 plug (male)

| Piece Parts    | Material   | Surface Plating       |
|----------------|------------|-----------------------|
| Centre contact | Brass      | SUCOPRO Plating       |
| Outer contact  | Brass      | SUCOPLATE (R) Plating |
| Body           | Brass      | SUCOPLATE (R) Plating |
| Insulator      | PFA / PTFE |                       |
| Coupling nut   | Brass      | SUCOPLATE (R) Plating |

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00013762 |
|-----------------|--------------|

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 32_716-50-0-2/133_WE |
|----------------|----------------------|