

## Within Series Adaptor 31\_716-50-0-1/003\_-

### Description

Adaptor jack/jack  
7/16 jack (female) / 7/16 jack (female)

Interface standard  
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 + 0.01 f (GHz) |
| Frequency range          | DC to 3 GHz                           |
| Return loss              | ≥ 36 dB                               |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0871 kg |

#### Environmental Data

|                       |                  |
|-----------------------|------------------|
| Operating temperature | -65 °C to 165 °C |
| 2011/65/EU (RoHS)     | compliant        |

#### Material Data

Interface - 7/16 jack (female)

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

Interface - 7/16 jack (female)

| Piece Parts    | Material   | Surface Plating       |
|----------------|------------|-----------------------|
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### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00013797 |
|-------------------|--------------|

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 31_716-50-0-1/003_-E |
|----------------|----------------------|