

## Coaxial Cable Connector 11\_716-50-23-44/033\_-

### Description

Straight cable plug

SMART QUICK-FIT connector

For outdoor applications

Water protection according to IP 68



### Technical Data

#### Electrical Data

|                          |                                             |              |
|--------------------------|---------------------------------------------|--------------|
| Impedance                | 50 $\Omega$                                 |              |
| Interface frequency max. | 7.5 GHz                                     |              |
| Frequency range          | DC to 2.5 GHz                               | 2.5 to 3 GHz |
| Return loss              | $\geq 30$ dB                                | $\geq 28$ dB |
| Intermodulation          | $\leq$ Static -155 dBc (2 x 43 dBm carrier) |              |

#### Mechanical Data

|                |          |
|----------------|----------|
| Centre contact | plugged  |
| Outer contact  | clamped  |
| Weight         | 0.191 kg |

#### Environmental Data

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -40 °C to 85 °C |
| 2011/65/EU (RoHS)     | compliant       |

#### Material Data

| Piece Parts    | Material                               | Surface Plating       |
|----------------|----------------------------------------|-----------------------|
| Centre contact | Brass                                  | Silver Plating        |
| Outer contact  | Brass                                  | SUCOPLATE (R) Plating |
| Body           | Brass                                  | SUCOPLATE (R) Plating |
| Insulator      | PFA / PTFE                             |                       |
| Coupling nut   | Brass                                  | SUCOPLATE (R) Plating |
| Gasket         | EPDM (Ethylene propylene diene rubber) |                       |

### Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00100812.1 |
| Catalogue drawing    | DCA-00221104   |
| Assembly instruction | DOC-0000295365 |

### Ordering Information

|                |                        |
|----------------|------------------------|
| Single package | 11_716-50-23-44/033_-E |
|----------------|------------------------|

### Additional Information

|                     |                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Suitable cables     | SUCOFEED_7/8_LA, SUCOFEED_7/8_LW_LA, SUCOFEED_7/8, HeliAx AVA5-50, NK Cables RFA 7/8-50, Cellflex LCF78-50A, CELLFLEX LCF78-50L |
| Interface standards | IEC 61169-4_CECC 22190_DIN 47223_VG 95250                                                                                       |