

## Coaxial Cable Connector 21\_N-50-12-50/033\_-

### 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 2.7 GHz                               | 2.7 to 3.7 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         | 0.092 kg |

#### Environmental Data

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

#### Material Data

| Piece Parts    | Material            | Surface Plating       |
|----------------|---------------------|-----------------------|
| Centre contact | Bronze              | Silver Plating        |
| Outer contact  | Brass               | SUCOPLATE (R) Plating |
| Body           | Brass               | SUCOPLATE (R) Plating |
| Insulator      | PFA / PTFE          |                       |
| Coupling nut   | Brass               | SUCOPLATE (R) Plating |
| Gasket         | NR (Natural Rubber) |                       |

### Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00193509   |
| Catalogue drawing    | DCA-00221556   |
| Assembly instruction | DOC-0000386367 |

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 21_N-50-12-50/033_-E |
|----------------|----------------------|

### Additional Information

|                     |                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------|
| Suitable cables     | SUCOFEED_1/2, SUCOFEED_1/2_LW, SUCOFEED_1/2_FR, CELLFLEX LCF12-50JFN, HELIAX LDF4-50A, NK OHMAX RFA 1/2-50 |
| Interface standards | IEC 61169-4_CECC 22190_DIN 47223_VG 95250                                                                  |