

## Coaxial Cable Connector 11\_N-50-7-69/133\_N

### Description

Straight cable plug

SUHNER full crimp cable attachment  
Ingress protection according to IP67



### Technical Data

#### Electrical Data

|                          |              |                |              |
|--------------------------|--------------|----------------|--------------|
| Impedance                | 50 $\Omega$  |                |              |
| Interface frequency max. | 11 GHz       |                |              |
| Frequency range          | DC to 2 GHz  | 2 to 4 GHz     | 4 to 6 GHz   |
| Return loss              | $\geq 30$ dB | $\geq 23.8$ dB | $\geq 23$ dB |

#### Mechanical Data

|                |           |
|----------------|-----------|
| Centre contact | crimped   |
| Outer contact  | crimped   |
| Weight         | 0.0345 kg |

#### Environmental Data

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

#### Material Data

| Piece Parts    | Material              | Surface Plating                   |
|----------------|-----------------------|-----------------------------------|
| Centre contact | Brass                 | Gold Plating (Nickel underplated) |
| Outer contact  | Brass                 | SUCOPLATE (R) Plating             |
| Body           | Brass                 | SUCOPLATE (R) Plating             |
| Insulator      | PFA / PTFE            |                                   |
| Coupling nut   | Brass                 | SUCOPLATE (R) Plating             |
| Gasket         | VMQ (Silicone rubber) |                                   |
| Crimp ferrule  | Copper                |                                   |

### Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00008098   |
| Catalogue drawing    | DCA-00245537   |
| Assembly instruction | DOC-0000311731 |

### Ordering Information

|                      |                     |
|----------------------|---------------------|
| Single package       | 11_N-50-7-69/133_NE |
| Bulk 100 pcs package | 11_N-50-7-69/133_NH |

### Additional Information

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Suitable cables     | SPUMA_400, SPUMA_400-FR-01, Spuma_400-RS-FR, LMR-400 |
| Interface standards | IEC 61169-16_MIL-STD-348A/304_CECC 22210             |