

## Coaxial Cable Connector 16\_SMA-50-3-15/133\_N

### Description

Right angle cable plug

Interface standards

IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

|                          |             |              |              |
|--------------------------|-------------|--------------|--------------|
| Impedance                | 50 $\Omega$ |              |              |
| Interface frequency max. | 18 GHz      |              |              |
| Frequency range          | DC to 1 GHz | 1 to 2.5 GHz | 2.5 to 5 GHz |
| Return loss              | 36 dB       | 32 dB        | 26 dB        |

#### Mechanical Data

|                |           |
|----------------|-----------|
| Centre contact | soldered  |
| Outer contact  | crimped   |
| Weight         | 0.0049 kg |

#### Environmental Data

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

#### Material Data

| Piece Parts    | Material                       | Surface Plating       |
|----------------|--------------------------------|-----------------------|
| Centre contact | Brass                          | SUCOPRO Plating       |
| Outer contact  | Brass                          | SUCOPLATE (R) Plating |
| Body           | Brass                          | SUCOPLATE (R) Plating |
| Insulator      | PTFE (Polytetrafluoroethylene) |                       |
| Coupling nut   | Brass                          | SUCOPLATE (R) Plating |
| Gasket         | VMQ (Silicone rubber)          |                       |
| Crimp ferrule  | Copper                         | SUCOPLATE (R) Plating |

### Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00170266   |
| Catalogue drawing    | DCA-00183835   |
| Assembly instruction | DOC-0000335678 |

### Ordering Information

|                |                       |
|----------------|-----------------------|
| Single package | 16_SMA-50-3-15/133_NE |
|----------------|-----------------------|

### Additional Information

|                 |                                |
|-----------------|--------------------------------|
| Suitable cables | RG_303_/U, RG_58_C/U, GX_03272 |
|-----------------|--------------------------------|