

## Coaxial Cable Connector 16\_SMA-50-3-3/111\_N

### Description

Right angle cable plug

Interface standards

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



### Technical Data

#### Electrical Data

|                          |             |             |              |
|--------------------------|-------------|-------------|--------------|
| Impedance                | 50 Ω        |             |              |
| Interface frequency max. | 18 GHz      |             |              |
| Frequency range          | DC to 2 GHz | 2 to 12 GHz | 12 to 18 GHz |
| Return loss              | 32 dB       | 23 dB       | 10 dB        |

#### Mechanical Data

|                |           |
|----------------|-----------|
| Centre contact | soldered  |
| Outer contact  | soldered  |
| Weight         | 0.0045 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 | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact  | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Body           | Brass                  | Gold Plating (Nickel underplated) |
| Insulator      | PFA / PTFE             |                                   |
| Coupling nut   | Bronze                 | Gold Plating (Nickel underplated) |
| Gasket         | VMQ (Silicone rubber)  |                                   |

### Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00005965   |
| Catalogue drawing    | DCA-00005967   |
| Assembly instruction | DOC-0000179177 |

### Ordering Information

|                      |                      |
|----------------------|----------------------|
| Bulk 100 pcs package | 16_SMA-50-3-3/111_NH |
| Single package       | 16_SMA-50-3-3/111_NE |

### Additional Information

|                 |  |
|-----------------|--|
| Suitable cables | EZ_141_TP_M17, SUCOFORM_141, MULTIFLEX_141 |
|-----------------|--|