

## Coaxial Cable Connector 16\_SMA-50-3-105/111\_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      |

#### Mechanical Data

|                |           |
|----------------|-----------|
| Centre contact | soldered  |
| Outer contact  | crimped   |
| Weight         | 0.0059 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                 | SUCOPRO Plating                            |
| Gasket         | VMQ (Silicone rubber)  |                                            |
| Crimp ferrule  | Copper                 | Gold Plating (without Nickel underplating) |

### Related Documents

|                      |                |
|----------------------|----------------|
| Catalogue drawing    | DOU-00005970   |
| Assembly instruction | DOC-0000178742 |

### Ordering Information

|                      |                        |
|----------------------|------------------------|
| Bulk 100 pcs package | 16_SMA-50-3-105/111_NH |
| Single package       | 16_SMA-50-3-105/111_NE |

### Additional Information

|                 |                             |
|-----------------|-----------------------------|
| Suitable cables | RG_58_C/U, G_03232, G_03232 |
|-----------------|-----------------------------|