

## Coaxial Cable Connector 11\_SMA-50-3-39/111\_Y

### Description

Straight 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 3 GHz | 3 to 6 GHz |
| Return loss              | 39 dB       | 33 dB      | 27 dB      |

#### Mechanical Data

|                |           |
|----------------|-----------|
| Centre contact | plugged   |
| Outer contact  | soldered  |
| Weight         | 0.0026 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 | Bronze                | SUCOPRO Plating |
| Outer contact  | Brass                 | SUCOPRO Plating |
| Body           | Brass                 | SUCOPRO Plating |
| Insulator      | PFA / PTFE            |                 |
| Coupling nut   | Brass                 | SUCOPRO Plating |
| Gasket         | VMQ (Silicone rubber) |                 |

### Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00007388   |
| Catalogue drawing    | DOU-00007389   |
| Assembly instruction | DOC-0000181042 |

### Ordering Information

|                      |                       |
|----------------------|-----------------------|
| Bulk 100 pcs package | 11_SMA-50-3-39/111_YH |
|----------------------|-----------------------|

### Additional Information

|                 |                                         |
|-----------------|-----------------------------------------|
| Suitable cables | EZ_141_M17, SUCOFORM_141, MULTIFLEX_141 |
|-----------------|-----------------------------------------|