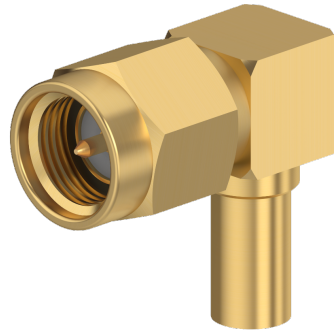


**COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male)**

16\_SMA-50-2-105/111\_N

**Properties**

- Excellent return loss
- Intermateable with PC3.5 and SK
- Applicable in frequencies up to 18 GHz



| Product configuration |        |                                          |
|-----------------------|--------|------------------------------------------|
| Interface type        | Gender | Standard                                 |
| SMA                   | plug   | IEC 60169-15_MIL-STD-348A/310_CECC 22110 |

| Interface and material data |                          |                                            |
|-----------------------------|--------------------------|--------------------------------------------|
| Piece parts                 | Material                 | Plating                                    |
| Centre contact              | Copper Beryllium Alloy   | Gold Plating (Nickel underplated)          |
| Outer conductor             | Copper Beryllium / Brass | Gold Plating (Nickel underplated)          |
| Body                        | Brass                    | Gold Plating (Nickel underplated)          |
| Insulator                   | PFA / PTFE               |                                            |
| Coupling nut                | Bronze                   | Gold Plating (Nickel underplated)          |
| Gasket                      | VMQ (Silicone rubber)    |                                            |
| Crimp ferrule               | Copper                   | Gold Plating (without Nickel underplating) |

| Electrical data     |        |
|---------------------|--------|
| Impedance           | 50 Ω   |
| Interface frequency | 18 GHz |

| Mechanical data            |           |
|----------------------------|-----------|
| Weight                     | 0.0047 kg |
| Mating cycles              | 500       |
| Cable entry centre contact | soldered  |
| Cable entry outer contact  | crimped   |

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -65 °C ... 165 °C |

**COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male)**

16\_SMA-50-2-105/111\_N

**Suitable cables**

|                   |                    |
|-------------------|--------------------|
| Cable group       | U2 - 2 mm / 50 Ohm |
| Suitable cables   | RG_316_/U          |
|                   | RG_188_A/U         |
| Additional cables | RG_174_/U          |

**Additional Information**

|                  |    |
|------------------|----|
| Only as assembly | No |
|------------------|----|

**Suitable tools**

| Item number | Item description | Type of tool |
|-------------|------------------|--------------|
| 22543124    | 74_Z-0-0-14      | Locator      |

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