

**COAXIAL CONNECTOR, SMC, 50 Ohm, Straight cable plug (male)**

11\_SMC-50-2-10/111\_N

**Properties**

- Screw-on mechanism permits a vibration-proof connection
- Suitable for semi-permanent connections and for use in mobile equipment
- Applicable in frequencies up to 10 GHz



| Product configuration |        |   |
|-----------------------|--------|---|
| Interface type        | Gender | Standard                                |
| SMC                   | plug   | IEC 60169-9_MIL-STD-348A/312_CECC 22140 |

| Interface and material data |                        |                                   |
|-----------------------------|------------------------|-----------------------------------|
| Piece parts                 | Material               | Plating                           |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor             | Brass                  | Gold Plating (Nickel underplated) |
| Body                        | Brass                  | Gold Plating (Nickel underplated) |
| Insulator                   | PFA / PTFE             |                                   |
| Coupling nut                | Brass                  | Gold Plating (Nickel underplated) |
| Fastening nut               | Brass                  | Gold Plating (Nickel underplated) |
| Crimp ferrule               | Copper                 | Gold Plating (Nickel underplated) |

| Electrical data     |        |
|---------------------|--------|
| Impedance           | 50 Ω   |
| Interface frequency | 10 GHz |

| Mechanical data            |           |
|----------------------------|-----------|
| Weight                     | 0.0021 kg |
| Mating cycles              | 500       |
| Cable entry centre contact | crimped   |
| Cable entry outer contact  | crimped   |

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

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| Ordering Information Table |                       |                |
|----------------------------|-----------------------|----------------|
| Item number                | Item description      | Packaging type |
| 22640811                   | 11_SMC-50-2-10/111_NE | Single         |
| 22645841                   | 11_SMC-50-2-10/111_NH | Bulk 100 pcs   |

| 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 |

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