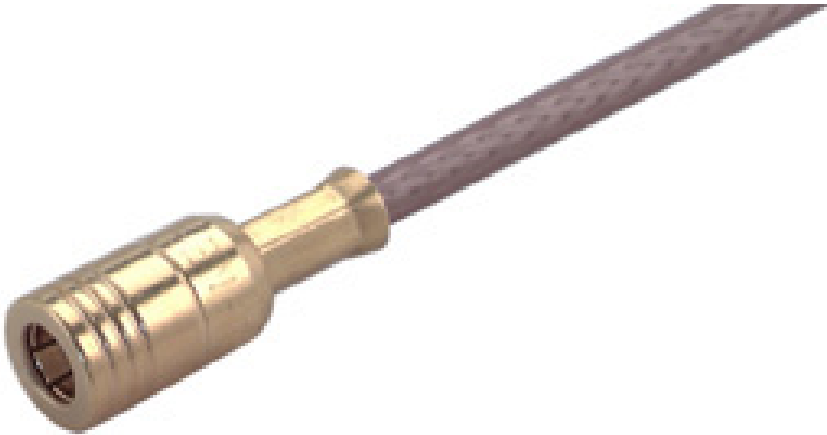


COAXIAL CONNECTOR, SMB, 50 Ohm, Straight cable plug (male)

11\_SMB-50-2-41/111\_N

Properties

- Snap-on mechanism provides a fast and reliable connection
- Ideal for applications with high packaging density
- Applicable in frequencies up to 4 GHz



| Product configuration |        |                                          |
|-----------------------|--------|------------------------------------------|
| Interface type        | Gender | Standard                                 |
| SMB                   | plug   | IEC 60169-10_MIL-STD-348A/311_CECC 22130 |

| 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             |                                            |
| Crimp ferrule               | Copper                 | Gold Plating (without Nickel underplating) |

| Electrical data     |       |
|---------------------|-------|
| Impedance           | 50 Ω  |
| Interface frequency | 4 GHz |

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

| Engagement / Disengagement force |            |               |
|----------------------------------|------------|---------------|
|                                  | Engagement | Disengagement |
| Interface force min              | 8 N        | 8 N           |
| Interface force max              | 63 N       | 63 N          |

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

11\_SMB-50-2-41/111\_N

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

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22648052            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption        | 6c                   |
|                     | REACH 1907/2006 Article 33 SVHC   | Contains one or more SVHC >0,1% | CAS: 7439-92-1 Lead  |
| 22650536            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption        | 6c                   |
|                     | REACH 1907/2006 Article 33 SVHC   | Contains one or more SVHC >0,1% | CAS: 7439-92-1 Lead  |

| Ordering Information Table |                       |                |
|----------------------------|-----------------------|----------------|
| Item number                | Item description      | Packaging type |
| 22648052                   | 11_SMB-50-2-41/111_NE | Single         |
| 22650536                   | 11_SMB-50-2-41/111_NH | Bulk 100 pcs   |

| Suitable cables |                    |
|-----------------|--------------------|
| Cable group     | U4 - 2 mm / 50 Ohm |
| Suitable cables | K_02252_D          |
|                 | G_02232_D          |
|                 | ENVIROFLEX_316_D   |

| Additional Information |    |
|------------------------|----|
| Only as assembly       | No |

| Suitable tools |                  |               |
|----------------|------------------|---------------|
| Item number    | Item description | Type of tool  |
| 22543181       | 76_Z-0-2-1       | Crimping dies |

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