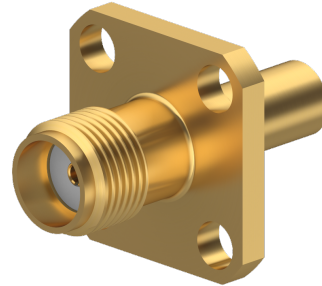


# COAXIAL CONNECTOR, SMA, 50 Ohm, Straight panel cable jack (female), flange mount

25\_SMA-50-2-6/111\_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            | jack   | 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 Alloy | Gold Plating (Nickel underplated)          |
| Body            | Copper Beryllium Alloy | Gold Plating (Nickel underplated)          |
| Insulator       | PFA / PTFE             |                                            |
| Crimp ferrule   | Copper                 | Gold Plating (without Nickel underplating) |

## Electrical data

|                     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 18 GHz      |

## Mechanical data

|                            |           |
|----------------------------|-----------|
| Weight                     | 0.0035 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, Straight panel cable jack (female), flange mount

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| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22640113            | 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 |
| 22640113                   | 25_SMA-50-2-6/111_NE | Single         |

| 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    |
| 22544715       | 74_Z-0-0-68      | Knives / Blades |
| 22544555       | 74_Z-0-0-54      | Holders         |
| 22543124       | 74_Z-0-0-14      | Locator         |

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DOCUMENT PIM-P2466 / Date of publication: 11.07.2025 / uncontrolled copy