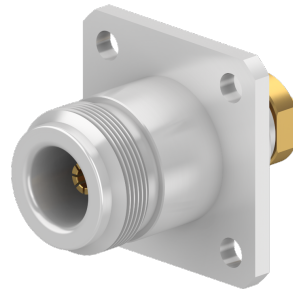


# COAXIAL CONNECTOR, N, 50 Ohm, Straight panel cable jack (female), flange mount

25\_N-50-2-14/133\_N

## Properties

- Screwed coupling mechanism for sturdy and reliable connection
- IP rating (interface, mated) IP67
- Interface dimensions according IEC/MIL



## Product configuration

|        |                                          |
|--------|------------------------------------------|
| Gender | Standard                                 |
| jack   | IEC 61169-16_MIL-STD-348A/304_CECC 22210 |

## Interface and material data

| Piece parts     | Material               | Plating                           |
|-----------------|------------------------|-----------------------------------|
| Centre contact  | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor | Brass                  | SUCOPLATE (R) Plating             |
| Body            | Brass                  | SUCOPLATE (R) Plating             |
| Insulator       | PFA / PTFE             |                                   |

## Electrical data

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

## Electrical Data (frequency related)

| Frequency range   | Return loss | VSWR |
|-------------------|-------------|------|
| 0 GHz ... 6 GHz   | 27 dB       | 1.09 |
| 6 GHz ... 12 GHz  | 15 dB       | 1.43 |
| 12 GHz ... 18 GHz | 12 dB       | 1.67 |

## Mechanical data

|                            |           |
|----------------------------|-----------|
| Weight                     | 0.0427 kg |
| Mating cycles              | 500       |
| Cable entry centre contact | soldered  |
| Cable entry outer contact  | soldered  |

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

### 25\_N-50-2-14/133\_N

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

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22641303            | 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 |
| 22641303                   | 25_N-50-2-14/133_NE | Single         |

| Suitable cables |                     |
|-----------------|---------------------|
| Cable group     | Y3 - 2 mm / 50 Ohm  |
|                 | Y16 - 2 mm / 50 Ohm |
| Suitable cables | SUCOFORM_86         |
|                 | SR_86_TP_M17        |

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

| Suitable tools |                  |                      |
|----------------|------------------|----------------------|
| Item number    | Item description | Type of tool         |
| 22544715       | 74_Z-0-0-68      | Knives / Blades      |
| 22544616       | 74_Z-0-0-66      | Locator              |
| 22544559       | 74_Z-0-0-60      | Support              |
| 22544557       | 74_Z-0-0-58      | Assembly tool        |
| 23024588       | 74_Z-0-0-442     | Soldering tool       |
| 22643029       | 74_Z-0-0-157     | Cable stripping tool |

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/ EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.  
DOCUMENT PIM-P2493 / Date of publication: 09.09.2025 / uncontrolled copy