

COAXIAL CONNECTOR, N, 50 Ohm, Straight cable jack (female)  
21\_N-50-3-12/133\_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                               |                                   |
| Crimp ferrule               | Copper                                   | SUCOPLATE (R) Plating             |
|                             |                                          |                                   |
| Electrical data             |                                          |                                   |
| Impedance                   | 50 Ω                                     |                                   |
| Interface frequency         | 11 GHz                                   |                                   |
|                             |                                          |                                   |
| Mechanical data             |                                          |                                   |
| Weight                      | 0.034373 kg                              |                                   |
| Mating cycles               | 500                                      |                                   |
| Cable entry centre contact  | crimped                                  |                                   |
| Cable entry outer contact   | crimped                                  |                                   |
|                             |                                          |                                   |
| Environmental data          |                                          |                                   |
| Operation temperature       | -65 °C ... 165 °C                        |                                   |

**COAXIAL CONNECTOR, N, 50 Ohm, Straight cable jack (female)**

21\_N-50-3-12/133\_N

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22651795            | 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 |
| 22651795                   | 21_N-50-3-12/133_NE | Single         |

| Suitable cables   |                     |
|-------------------|---------------------|
| Cable group       | U41 - 3 mm / 50 Ohm |
|                   | U11 - 3 mm / 50 Ohm |
| Suitable cables   | RG_400_/U           |
|                   | ENVIROFLEX_400      |
| Additional cables | ASNE0293 XF         |
|                   | RADOX_RF_400        |

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

| Suitable tools |                  |               |
|----------------|------------------|---------------|
| Item number    | Item description | Type of tool  |
| 22543189       | 76_Z-0-4-1       | Crimping dies |
| 22543185       | 76_Z-0-3-1       | Crimping dies |

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-P2888 / Date of publication: 11.07.2025 / uncontrolled copy