

**COAXIAL CONNECTOR, N, 50 Ohm, Right angle cable plug (male)**

16\_N-50-7-28/133\_N

**Properties**

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

**Product configuration**

|                |        |                                          |
|----------------|--------|------------------------------------------|
| Interface type | Gender | Standard                                 |
| N              | plug   | IEC 61169-16_MIL-STD-348A/304_CECC 22210 |

**Interface and material data**

|                 |                       |                                   |
|-----------------|-----------------------|-----------------------------------|
| Piece parts     | Material              | Plating                           |
| Centre contact  | Bronze / Brass        | Gold Plating (Nickel underplated) |
| Outer conductor | Brass                 | SUCOPLATE (R) Plating             |
| Body            | Brass                 | SUCOPLATE (R) Plating             |
| Insulator       | PFA / PTFE            |                                   |
| Coupling nut    | Brass                 | SUCOPLATE (R) Plating             |
| Gasket          | VMQ (Silicone rubber) |                                   |
| Crimp ferrule   | Brass                 | SUCOPLATE (R) Plating             |

**Electrical data**

|                     |        |
|---------------------|--------|
| Impedance           | 50 Ω   |
| Interface frequency | 11 GHz |

**Mechanical data**

|                            |           |
|----------------------------|-----------|
| Weight                     | 0.0642 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, Right angle cable plug (male)**

16\_N-50-7-28/133\_N

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22652040            | 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 |
| 22652040                   | 16_N-50-7-28/133_NE | Single         |

| Suitable cables |                     |
|-----------------|---------------------|
| Cable group     | U33 - 7 mm / 50 Ohm |
| Suitable cables | RG_393_/U           |
|                 | ENVIROFLEX_393      |

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

| Suitable tools |                  |                 |
|----------------|------------------|-----------------|
| Item number    | Item description | Type of tool    |
| 22642718       | 74_Z-0-0-12      | Knives / Blades |

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-P3077 / Date of publication: 11.07.2025 / uncontrolled copy