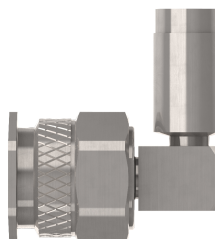


**COAXIAL CONNECTOR, TNC, 50 Ohm, Right angle cable plug (male)**

16\_TNC-50-3-21/133\_N

**Properties**

- Threaded coupling mechanism improves control over the interface dimensions
- Used under a higher environmental load than BNC
- Available for 50 ohm and 75 ohm applications
- Applicable in frequencies up to 11 GHz

**Product configuration**

|                |        |                                          |
|----------------|--------|------------------------------------------|
| Interface type | Gender | Standard                                 |
| TNC            | plug   | IEC 60169-17_MIL-STD-348A/313_CECC 22200 |

**Interface and material data**

|                 |                       |                                   |
|-----------------|-----------------------|-----------------------------------|
| Piece parts     | Material              | Plating                           |
| Centre contact  |                       | 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   | Copper                | SUCOPLATE (R) Plating             |

**Electrical data**

|                     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 11 GHz      |

**Mechanical data**

|               |           |
|---------------|-----------|
| Weight        | 0.0298 kg |
| Mating cycles | 500       |

**Environmental data**

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

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

16\_TNC-50-3-21/133\_N

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22642360            | 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 |
| 22642360                   | 16_TNC-50-3-21/133_NE | Single         |

| Suitable cables   |                     |
|-------------------|---------------------|
| Cable group       | U41 - 3 mm / 50 Ohm |
|                   | U11 - 3 mm / 50 Ohm |
| Suitable cables   | RG_400_/U           |
| Additional cables | ASNE 0293 XF        |
|                   | RADOX_RF_400        |

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

| Suitable tools |                  |               |
|----------------|------------------|---------------|
| Item number    | Item description | Type of tool  |
| 22543193       | 76_Z-0-5-21      | Crimping dies |
| 22543189       | 76_Z-0-4-1       | Crimping dies |
| 22543185       | 76_Z-0-3-1       | Crimping dies |

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