

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

16_TNC-50-7-17/133_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 | 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 | Copper | SUCOPLATE (R) Plating |

Electrical data

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

Electrical Data (frequency related)

| Frequency range | Return loss | VSWR |
|-------------------|-------------|-------|
| 0.1 GHz ... 2 GHz | 38 dB | 1.025 |
| 2 GHz ... 4 GHz | 26.8 dB | 1.096 |
| 4 GHz ... 6 GHz | 26 dB | 1.106 |

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| Mechanical data | |
|----------------------------|-----------|
| Weight | 0.0364 kg |
| Mating cycles | 500 |
| Cable entry centre contact | soldered |
| Cable entry outer contact | crimped |

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

| Ordering Information Table | | |
|-----------------------------------|-----------------------|----------------|
| Item number | Item description | Packaging type |
| 84084333 | 16_TNC-50-7-17/133_NE | Single |

| Suitable cables | |
|------------------------|--|
| Cable group | X32 - 7 mm / 50 Ohm U30 - 7 mm / 50 Ohm |
| Suitable cables | SPUMA_400 |
| Additional cables | LMR-400 |

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

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DOCUMENT PIM-P2962 / Date of publication: 25.11.2023 / uncontrolled copy