

COAXIAL CONNECTOR, TNC, 50 Ohm, Straight bulkhead cable jack (female)

24_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 | jack | IEC 60169-17_MIL-STD-348A/313_CECC 22200 |

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 | |
| Gasket | VMQ (Silicone rubber) | |
| Fastening nut | Brass | SUCOPLATE (R) Plating |
| Washer | Bronze | SUCOPLATE (R) Plating |
| 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 GHz ... 2.5 GHz | 32 dB | 1.052 |

Mechanical data

| | |
|----------------------------|-----------|
| Weight | 0.0169 kg |
| Mating cycles | 500 |
| Cable entry centre contact | crimped |

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| Mechanical data | | |
|-----------------------------------|-----------------------------------|----------------|
| Cable entry outer contact | crimped | |
| Environmental data | | |
| Operation temperature | -65 °C ... 165°C | |
| Ordering Information Table | | |
| Item number | Item description | Packaging type |
| 23001722 | 24_TNC-50-3-21/133_NE | Single |
| Suitable cables | | |
| Cable group | U9 - 3 mm / 50 Ohm | |
| Suitable cables | G_03232_D-01 | |
| | ENVIROFLEX_142 | |
| | RG_223_/U | |
| Additional Information | | |
| Remarks | El. Optimized for cable RG_223_/U | |
| Only as assembly | No | |

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