

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

24_TNC-50-7-6/199_N

Properties

- Excellent corrosion resistance in a wide range of environments
- High salt mist resistant
- Material 316L stainless steel
- Excellent return loss values
- 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 | Stainless Steel (high salt mist resistant) | Passivated (Plating) |
| Body | Stainless Steel (high salt mist resistant) | Passivated (Plating) |
| Insulator | PTFE (Polytetrafluoroethylene) | |
| Gasket | VMQ (Silicone rubber) | |
| Fastening nut | Stainless Steel (high salt mist resistant) | Passivated (Plating) |
| Washer | Bronze | Nickel 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 GHz | 32 dB | 1.05 |
| 2 GHz ... 6 GHz | 23 dB | 1.15 |
| 6 GHz ... 8 GHz | 21 dB | 1.20 |

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| Mechanical data | |
|----------------------------|---------|
| Weight | 28.5 kg |
| Mating cycles | 500 |
| Cable entry centre contact | crimped |
| Cable entry outer contact | crimped |

| Environmental data | |
|--------------------------------|-------------------|
| Operation temperature | -65 °C ... 165 °C |
| Ingress protection (IP Rating) | Mated / IP67 |

| Ordering Information Table | | |
|-----------------------------------|----------------------|----------------|
| Item number | Item description | Packaging type |
| 85182001 | 24_TNC-50-7-6/199_NE | Single |

| Suitable cables | |
|------------------------|--|
| Cable group | X32 - 7 mm / 50 Ohm U30 - 7 mm / 50 Ohm |
| Suitable cables | SPUMA_400-FR SPUMA_400-RS-FR |

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

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