

COAXIAL CONNECTOR, N, 50 Ohm, Straight cable plug (male)

11_N-50-4-10/133_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 | SUCOPRO Plating |
| 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 | 32 dB | 1.052 |
| 2 GHz ... 4 GHz | 25.5 dB | 1.112 |
| 4 GHz ... 6 GHz | 24.6 dB | 1.125 |

| Mechanical data | |
|----------------------------|---------|
| Mating cycles | 500 |
| Cable entry centre contact | plugged |
| Cable entry outer contact | crimped |

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| Environmental data | | |
|----------------------------|---|----------------|
| Operation temperature | -65 °C ... 165°C | |
| Ordering Information Table | | |
| Item number | Item description | Packaging type |
| 84026255 | 11_N-50-4-10/133_NH | Bulk 100 pcs |
| Suitable cables | | |
| Cable group | X9 - 4 mm / 50 Ohm | |
| | X28 - 4 mm / 50 Ohm | |
| | S16 - 4 mm / 50 Ohm | |
| Suitable cables | SX_04172_B-60 | |
| | S_04162_B-01 | |
| | S_04262_B-01 | |
| Additional cables | LMR-240 | |
| Additional Information | | |
| Remarks | Ingress protection according to IP66 with shrink tube with glue | |
| Only as assembly | No | |

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