

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

16_SMA-50-2-111/133_N

Properties

- Excellent return loss
- Intermateable with PC3.5 and SK
- Applicable in frequencies up to 18 GHz

**Product configuration**

| | |
|----------------|--------|
| Interface type | Gender |
| SMA | plug |

Interface and material data

| Piece parts | Material | Plating |
|-----------------|--------------------------------|-----------------------|
| Centre contact | Brass | SUCOPRO Plating |
| Outer conductor | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PTFE (Polytetrafluoroethylene) | |
| Coupling nut | Brass | SUCOPLATE (R) Plating |
| Gasket | VMQ (Silicone rubber) | |
| Crimp ferrule | Copper | SUCOPLATE (R) Plating |

Electrical data

| | |
|---------------------|-------------|
| Impedance | 50 Ω |
| Interface frequency | 18 GHz |

Electrical Data (frequency related)

| Frequency range | Return loss | VSWR |
|-------------------|-------------|------|
| 0 GHz ... 1 GHz | 32 dB | 1.05 |
| 1 GHz ... 2.5 GHz | 29 dB | 1.07 |
| 2.5 GHz ... 5 GHz | 26 dB | 1.11 |

Mechanical data

| | |
|----------------------------|----------|
| Weight | 47 g |
| Mating cycles | 500 |
| Cable entry centre contact | soldered |

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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 |
| 84130708 | 16_SMA-50-2-111/133_NE | Single |
| 84117808 | 16_SMA-50-2-111/133_NP | Bulk 500 pcs |
| Suitable cables | | |
| Cable group | U2 - 2 mm / 50 Ohm | |
| Suitable cables | RG_174_/U | |
| | RG_316_/U | |
| Additional Information | | |
| Only as assembly | No | |

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