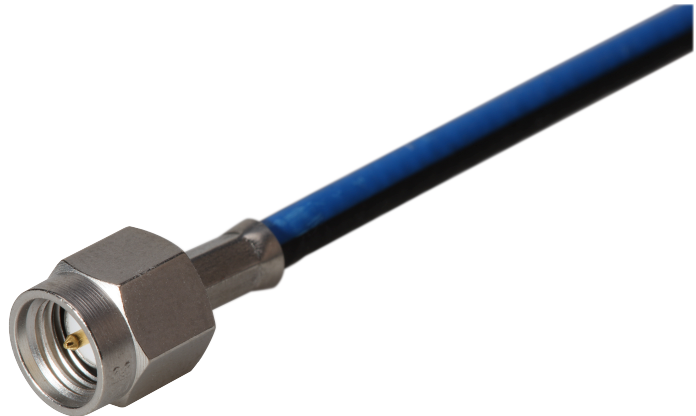


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)

11_SMA-50-2-112/133_N

Properties

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



| Product configuration | | |
|-----------------------|--------|--|
| Interface type | Gender | Standard |
| SMA | plug | IEC 60169-15_MIL-STD-348A/310_CECC 22110 |

| Interface and material data | | |
|-----------------------------|-----------------------|------------------------|
| Piece parts | Material | Plating |
| Centre contact | Brass | SUCOPRO / Gold 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 | 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 | 0.0026 kg |
| Mating cycles | 500 |
| Cable entry centre contact | soldered |

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

11_SMA-50-2-112/133_N

Mechanical data

| | |
|---------------------------|---------|
| Cable entry outer contact | crimped |
|---------------------------|---------|

Environmental data

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

Ordering Information Table

| Item number | Item description | Packaging type |
|-------------|------------------------|----------------|
| 84130700 | 11_SMA-50-2-112/133_NE | Single |
| 84115820 | 11_SMA-50-2-112/133_NP | Bulk 500 pcs |

Suitable cables

| | |
|-----------------|--------------------|
| Cable group | U4 - 2 mm / 50 Ohm |
| Suitable cables | K_02252_D |
| | G_02232_D |
| | ENVIROFLEX_316_D |

Additional Information

| | |
|------------------|----|
| Only as assembly | No |
|------------------|----|

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