

Coaxial Cable Connector 11_SMA-R50-4-97/133_N

Description

Straight cable plug

Interface standards
SUHNER-SMA-R50



Technical Data

Electrical Data

| | | | |
|--------------------------|-------------|------------|------------|
| Impedance | 50 Ω | | |
| Interface frequency max. | 18 GHz | | |
| Frequency range | DC to 2 GHz | 2 to 4 GHz | 4 to 6 GHz |
| Return loss | 25 dB | 20 dB | 18 dB |

Mechanical Data

| | |
|----------------|----------|
| Centre contact | soldered |
| Outer contact | crimped |
| Weight | 0.007 kg |

Environmental Data

| | |
|--|------------------|
| Operating temperature | -65 °C to 165 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |

Material Data

| Piece Parts | Material | Surface Plating |
|----------------|------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact | 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 |

Related Documents

| | |
|----------------------|----------------|
| Outline drawing | DOU-00085658 |
| Catalogue drawing | DCA-00117682 |
| Assembly instruction | DOC-0000241878 |

Ordering Information

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|----------------------|------------------------|
| Bulk 100 pcs package | 11_SMA-R50-4-97/133_NH |
|----------------------|------------------------|

Additional Information

| | |
|-----------------|--|
| Suitable cables | SPUMA_240-FR-01, Spuma_240-RS-FR, SX_04172_B-60, SPUMA_240 |
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Remarks

Reverse polarised interface

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