

Coaxial Cable Connector  
11\_SMA-50-7-1/133\_N

Description

Straight cable plug

Interface standards  
IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



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              | 29 dB       | 25.6 dB    | 24.8 dB    |

Mechanical Data

|                |           |
|----------------|-----------|
| Centre contact | plugged   |
| Outer contact  | crimped   |
| Weight         | 0.0174 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 | Bronze                         | SUCOPRO Plating       |
| Outer contact  | 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 |

Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00183141   |
| Assembly instruction | DOC-0000375258 |

Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 11_SMA-50-7-1/133_NE |
|----------------|----------------------|

Additional Information

|                 |                                                   |
|-----------------|---------------------------------------------------|
| Suitable cables | SPUMA_400, SPUMA_400-FR-01, SPUMA_400-FR, LMR-400 |
|-----------------|---------------------------------------------------|

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