# Data Sheet

## Coaxial Cable Connector
## 11_SMA-50-4-101/199_N

## Description

Straight cable plug

Interface standards
MIL-STD-348A/310



## Technical Data

### Electrical Data

| | | |
|---|---|---|
| Impedance | 50 Ω | |
| Interface frequency max. | 18 GHz | |
| Frequency range | DC to 6 GHz | 6 to 18 GHz |
| Return loss | 25 dB | 23 dB |

### Mechanical Data

| | |
|---|---|
| Centre contact | plugged |
| Outer contact | clamped |
| Weight | 0.0126 kg |

### Environmental Data

| | |
|---|---|
| Operating temperature | -65 °C to 165 °C |
| 2011/65/EU, RoHS | compliant |

### Material Data

| Piece Parts | Material | Surface Plating |
|---|---|---|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact | Stainless Steel | |
| Body | Stainless Steel | |
| Insulator | PTFE (Polytetrafluoroethylene) | |
| Coupling nut | Stainless Steel | |
| Gasket | VMQ (Silicone rubber) | |

## Related Documents

| | |
|---|---|
| Outline drawing | DOU-00145773 |
| Catalogue drawing | DCA-00129997 |
| Assembly instruction | DOC-0000294172 |

## Ordering Information

| | |
|---|---|
| Single package | 11_SMA-50-4-101/199_NE |

## Additional Information

| | |
|---|---|
| Suitable cables | EACON_4C |



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