

COAXIAL ADAPTER, SMA, 50 Ohm, T-style, 1 plug (male), 2 jacks (female)

43\_SMA-50-0-1/111\_N

Properties

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials



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

| Interface and material data |                        |                                   |
|-----------------------------|------------------------|-----------------------------------|
| SMA                         |                        |                                   |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                    |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor             | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Body                        | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Insulator                   | PFA / PTFE             |                                   |
| SMA                         |                        |                                   |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                    |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor             | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Body                        | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Insulator                   | PFA / PTFE             |                                   |
| Coupling nut                | Bronze                 | Gold Plating (Nickel underplated) |
| Gasket                      | VMQ (Silicone rubber)  |                                   |

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

| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0058 kg |
| Mating cycles   | 500       |

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**Environmental data**

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

**Material compliance**

| Item number | Directive / Regulation            | Rating                          | Exemptions / Details |
|-------------|-----------------------------------|---------------------------------|----------------------|
| 22543356    | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption        | 6c                   |
|             | REACH 1907/2006 Article 33 SVHC   | Contains one or more SVHC >0,1% | CAS: 7439-92-1 Lead  |

**Ordering Information Table**

| Item number | Item description     | Packaging type |
|-------------|----------------------|----------------|
| 22543356    | 43_SMA-50-0-1/111_NE | Single         |

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