

COAXIAL ADAPTER, BNC, 50 Ohm, jack / jack (female / female)

31\_BNC-SMA-50-1/1--\_U

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                                  |
| BNC                   | jack (female) | IEC 61169-8_MIL-STD-348A/301_CEECC 22120  |
| SMA                   | jack (female) | IEC 60169-15_MIL-STD-348A/310_CEECC 22110 |

| Interface and material data |                        |                                            |
|-----------------------------|------------------------|--------------------------------------------|
| BNC                         |                        |                                            |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                             |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer conductor             | Brass                  | Gold Plating (without Nickel underplating) |
| Body                        | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator                   | PFA / PTFE             |                                            |
| SMA                         |                        |                                            |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                             |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer conductor             | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Body                        | Brass                  | Gold Plating (without Nickel underplating) |
| Insulator                   | PFA / PTFE             |                                            |

| Electrical data     |                                  |
|---------------------|----------------------------------|
| Impedance           | 50 Ω                             |
| Interface frequency | 4 GHz                            |
| VSWR                | DC - 4 GHz (≤ 1.06 + 0.04 f GHz) |

| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0071 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 |
|-------------|-----------------------------------|---------------------------------|----------------------|
| 22540551    | 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 |
|-------------|------------------------|----------------|
| 22540551    | 31_BNC-SMA-50-1/1--_UE | Single         |

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