

# COAXIAL ADAPTER, SMA, 50 Ohm, Bulkhead, plug / plug (male / male)

32\_SMA-50-0-52/199\_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            | plug (male) | 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    | Stainless steel        | Passivated (Plating)              |
| Body               | Stainless steel        | Passivated (Plating)              |
| Insulator          | PFA / PTFE             |                                   |
| Coupling nut       | Stainless steel        | Passivated (Plating)              |
| Gasket             | VMQ (Silicone rubber)  |                                   |
| SMA                |                        |                                   |
| <b>Piece parts</b> | <b>Material</b>        | <b>Plating</b>                    |
| Centre contact     | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
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| Insulator          | PFA / PTFE             |                                   |
| Coupling nut       | Stainless steel        | Passivated (Plating)              |
| Gasket             | VMQ (Silicone rubber)  |                                   |

## Electrical data

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Impedance           | 50 Ω                                              |
| Interface frequency | 18 GHz                                            |
| VSWR                | DC - 18 GHz ( $\leq 1.05 + 0.005 f \text{ GHz}$ ) |

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| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0052 kg |
| Mating cycles   | 500       |

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

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22643689            | 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 |
| 22643689                   | 32_SMA-50-0-52/199_NE | Single         |

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