

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

35\_BMA-SMA-50-1/193\_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                                 |
| BMA                   | plug (male) | IEC 60169-33_MIL-STD-348A/321            |
| SMA                   | plug (male) | IEC 60169-15_MIL-STD-348A/310_CECC 22110 |

| Interface and material data |                        |                                            |
|-----------------------------|------------------------|--------------------------------------------|
| BMA                         |                        |                                            |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                             |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer conductor             | Stainless steel        |                                            |
| Body                        | Stainless steel        |                                            |
| Insulator                   | PFA / PTFE             |                                            |
| Coupling nut                | Stainless steel        |                                            |
| Gasket                      | NR (Natural Rubber)    |                                            |
| Fastening nut               | Stainless steel        |                                            |
| Washer                      | Bronze                 | SUCOPLATE (R) Plating                      |
| SMA                         |                        |                                            |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                             |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer conductor             | Stainless steel        |                                            |
| Body                        | Stainless steel        |                                            |
| Insulator                   | PFA / PTFE             |                                            |
| Coupling nut                | Stainless steel        |                                            |
| Gasket                      | VMQ (Silicone rubber)  |                                            |

| Electrical data     |                                   |
|---------------------|-----------------------------------|
| Impedance           | 50 Ω                              |
| Interface frequency | 18 GHz                            |
| VSWR                | DC - 18 GHz (≤ 1.07 + 0.02 f GHz) |

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| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0051 kg |
| Mating cycles   | 500       |

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -65 °C ... 125 °C |

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22645647            | 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 |
| 22645647                   | 35_BMA-SMA-50-1/193_U | Single         |

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