

**COAXIAL ADAPTER, MMCX -SMA, 50 Ohm, plug / plug (male / male)**

32\_MMCX-SMA-50-1/111\_O

**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                                  |
| MMCX                  | plug (male) | HUBER+SUHNER-MMCX                         |
| SMA                   | plug (male) | IEC 60169-15_MIL-STD-348A/310_CEECC 22110 |

| Interface and material data |                        |                                            |
|-----------------------------|------------------------|--------------------------------------------|
| MMCX                        |                        |                                            |
| <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                  | Gold Plating (without Nickel underplating) |
| 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             |                                            |
| Coupling nut                | Bronze                 | Gold Plating (without Nickel underplating) |
| Gasket                      | VMQ (Silicone rubber)  |                                            |

| Electrical data     |       |
|---------------------|-------|
| Impedance           | 50 Ω  |
| Interface frequency | 6 GHz |

| Electrical Data (frequency related) |                    |             |
|-------------------------------------|--------------------|-------------|
| <b>Frequency range</b>              | <b>Return loss</b> | <b>VSWR</b> |
| 0 GHz ... 2.5 GHz                   | 26 dB              | 1.1         |

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| Electrical Data (frequency related) |                                   |                                 |                      |
|-------------------------------------|-----------------------------------|---------------------------------|----------------------|
| Frequency range                     |                                   | Return loss                     | VSWR                 |
| 2.5 GHz ... 6 GHz                   |                                   | 21 dB                           | 1.18                 |
|                                     |                                   |                                 |                      |
| Mechanical data                     |                                   |                                 |                      |
| Weight                              |                                   | 0.0058 kg                       |                      |
| Mating cycles                       |                                   | 500                             |                      |
|                                     |                                   |                                 |                      |
| Environmental data                  |                                   |                                 |                      |
| Operation temperature               |                                   | -55 °C ... 125 °C               |                      |
|                                     |                                   |                                 |                      |
| Material compliance                 |                                   |                                 |                      |
| Item number                         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22645967                            | 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       |
| 22645967                            | 32_MMCX-SMA-50-1/111_OE           |                                 | Single               |

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