

# COAXIAL ADAPTER, MCX - SMA, 50 Ohm, jack / jack (female / female)

31\_MCX-SMA-50-1/111\_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                                 |
| MCX            | jack (female) | IEC 60169-36_CEEC 22220                  |
| SMA            | jack (female) | IEC 60169-15_MIL-STD-348A/310_CEEC 22110 |

## Interface and material data

|                    |                        |                                            |
|--------------------|------------------------|--------------------------------------------|
| MCX                |                        |                                            |
| <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             |                                            |

## Electrical data

|                     |                                                 |
|---------------------|-------------------------------------------------|
| Impedance           | 50 Ω                                            |
| Interface frequency | 6 GHz                                           |
| VSWR                | DC - 6 GHz ( $\leq 1.03 + 0.03 f \text{ GHz}$ ) |

## Mechanical data

|               |           |
|---------------|-----------|
| Weight        | 0.0049 kg |
| Mating cycles | 500       |

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| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -55 °C ... 125 °C |

| Ordering Information Table |                        |                |
|----------------------------|------------------------|----------------|
| Item number                | Item description       | Packaging type |
| 22645485                   | 31_MCX-SMA-50-1/111_NE | Single         |

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