

**COAXIAL ADAPTER, MCX - N, 50 Ohm, jack / jack (female / female)**

31\_MCX-N-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                                  |
| MCX            | jack (female) | IEC 60169-36_CEECC 22220                  |
| N              | jack (female) | IEC 61169-16_MIL-STD-348A/304_CEECC 22210 |

**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             |                                            |
| Washer             |                        | Gold Plating (Nickel underplated)          |
| N                  |                        |                                            |
| <b>Piece parts</b> | <b>Material</b>        | <b>Plating</b>                             |
| Centre contact     | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer conductor    | Brass                  | SUCOPLATE (R) Plating                      |
| Body               | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator          | PFA / PTFE             |                                            |

**Electrical data**

|                     |                                                 |
|---------------------|-------------------------------------------------|
| Impedance           | 50 Ω                                            |
| Interface frequency | 6 GHz                                           |
| VSWR                | DC - 6 GHz ( $\leq 1.03 + 0.05 f \text{ GHz}$ ) |

**Mechanical data**

|               |           |
|---------------|-----------|
| Weight        | 0.0201 kg |
| Mating cycles | 500       |

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| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -55 °C ... 155 °C |

| Ordering Information Table |                      |                |
|----------------------------|----------------------|----------------|
| Item number                | Item description     | Packaging type |
| 22640172                   | 31_MCX-N-50-1/1--_UE | Single         |

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