

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

31\_MCX-50-0-1/111\_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_CEECC 22220 |
| MCX            | jack (female) | IEC 60169-36_CEECC 22220 |

**Interface and material data**

|                    |                        |                                   |
|--------------------|------------------------|-----------------------------------|
| MCX                |                        |                                   |
| <b>Piece parts</b> | <b>Material</b>        | <b>Plating</b>                    |
| Centre contact     | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor    | Brass                  | Gold Plating (Nickel underplated) |
| Body               | Brass                  | Gold Plating (Nickel underplated) |
| Insulator          | PFA / PTFE             |                                   |
| MCX                |                        |                                   |
| <b>Piece parts</b> | <b>Material</b>        | <b>Plating</b>                    |
| Centre contact     | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor    | Brass                  | Gold Plating (Nickel underplated) |
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| Insulator          | PFA / PTFE             |                                   |

**Electrical data**

|                     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 6 GHz       |

**Electrical Data (frequency related)**

|                        |                    |             |
|------------------------|--------------------|-------------|
| <b>Frequency range</b> | <b>Return loss</b> | <b>VSWR</b> |
| 0 GHz ... 1 GHz        | 32 dB              | 1.05        |
| 1 GHz ... 6 GHz        | 20 dB              | 1.22        |

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| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0028 kg |
| Mating cycles   | 500       |

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

| Ordering Information Table |                      |                |
|----------------------------|----------------------|----------------|
| Item number                | Item description     | Packaging type |
| 22543558                   | 31_MCX-50-0-1/111_NE | Single         |

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