

## Between Series Adaptor 31\_MCX-SMA-50-1/111\_N

### Description

Adaptor jack/jack  
MCX jack (female) / SMA jack (female)

Interface standards  
Series MCX - IEC 60169-36\_CECC 22220  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

|                          |                                     |
|--------------------------|-------------------------------------|
| Impedance                | 50 Ω                                |
| Interface frequency max. | 6 GHz                               |
| VSWR                     | DC - 6 GHz<br>≤ 1.03 + 0.03 f (GHz) |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0049 kg |

#### Environmental Data

|  |                               |
|--|-------------------------------|
| Operating temperature<br>2011/65/EC (RoHS) | -55 °C to 125 °C<br>compliant |
|--|-------------------------------|

#### Material Data

Interface - MCX jack (female)

| Piece Parts    | Material               | Surface Plating                            |
|----------------|------------------------|--|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact  | Brass                  | Gold Plating (without Nickel underplating) |
| Body           | Brass                  | Gold Plating (without Nickel underplating) |
| Insulator      | PFA / PTFE             |  |

Interface - SMA jack (female)

| Piece Parts    | Material               | Surface Plating                            |
|----------------|------------------------|--|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact  | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Body           | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Insulator      | PFA / PTFE             |  |

### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00014611 |
|-------------------|--------------|

### Ordering Information

|                |                        |
|----------------|------------------------|
| Single package | 31_MCX-SMA-50-1/111_NE |
|----------------|------------------------|