

## Within Series Adaptor 32\_MCX-50-0-3/111\_N

### Description

Adaptor plug/plug  
MCX plug (male) / MCX plug (male)

Interface standard  
Series MCX - IEC 60169-36\_CECC 22220



### Technical Data

#### Electrical Data

|                          |               |              |
|--------------------------|---------------|--------------|
| Impedance                | 50 Ω          |              |
| Interface frequency max. | 6 GHz         |              |
| Frequency range          | DC to 1.5 GHz | 1.5 to 6 GHz |
| Return loss              | ≥ 30 dB       | ≥ 20 dB      |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0015 kg |

#### Environmental Data

|                                                      |                  |
|------------------------------------------------------|------------------|
| Operating temperature                                | -55 °C to 155 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant        |

#### Material Data

Interface - MCX plug (male)

| Piece Parts    | Material               | Surface Plating                   |
|----------------|------------------------|-----------------------------------|
| Centre contact | Brass                  | Gold Plating (Nickel underplated) |
| Outer contact  | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Body           | Brass                  | Gold Plating (Nickel underplated) |
| Insulator      | PFA / PTFE             |                                   |

Interface - MCX plug (male)

| Piece Parts    | Material               | Surface Plating                   |
|----------------|------------------------|-----------------------------------|
| Centre contact | Brass                  | Gold Plating (Nickel underplated) |
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| Body           | Brass                  | Gold Plating (Nickel underplated) |
| Insulator      | PFA / PTFE             |                                   |

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00013773 |
|-----------------|--------------|

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 32_MCX-50-0-3/111_NE |
|----------------|----------------------|