

## Between Series Adaptor 33\_MMBX-SMA-50-1/111\_N

### Description

Adaptor plug/jack  
MMBX plug (male) / SMA jack (female)

Interface standards  
Series MMBX - SUHNER-MMBX  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

|                          |               |              |               |
|--------------------------|---------------|--------------|---------------|
| Impedance                | 50 Ω          |              |               |
| Interface frequency max. | 12.4 GHz      |              |               |
| Frequency range          | DC to 2.5 GHz | 2.5 to 6 GHz | 6 to 12.4 GHz |
| Return loss              | ≥ 32 dB       | ≥ 30 dB      | ≥ 16 dB       |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0018 kg |

#### Environmental Data

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

#### Material Data

Interface - MMBX plug (male)

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

Interface - SMA jack (female)

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

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00013973 |
|-----------------|--------------|

### Ordering Information

|                |                         |
|----------------|-------------------------|
| Single package | 33_MMBX-SMA-50-1/111_NE |
|----------------|-------------------------|