

## Between Series Adaptor 31\_N-QMA-50-1/1--\_N

### Description

Adaptor jack/jack

N jack (female) / QMA jack (female)

QuickLock Interface

Interface standards

Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210

Series QMA - QMA QLF compliant



### Technical Data

#### Electrical Data

|                          |               |              |
|--------------------------|---------------|--------------|
| Impedance                | 50 $\Omega$   |              |
| Interface frequency max. | 18 GHz        |              |
| Frequency range          | DC to 2.5 GHz | 2.5 to 6 GHz |
| Return loss              | $\geq 35$ dB  | $\geq 24$ dB |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0245 kg |

#### Environmental Data

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Operating temperature                                | -40 °C to 85 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant       |

#### Material Data

Interface - N jack (female)

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

Interface - QMA jack (female)

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

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00013909 |
|-----------------|--------------|

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 31_N-QMA-50-1/1--_NE |
|----------------|----------------------|