

## Within Series Adaptor 31\_N-50-0-2/133\_N

### Description

Adaptor jack/jack  
N jack (female) / N jack (female)

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



### Technical Data

#### Electrical Data

|                          |             |            |               |
|--------------------------|-------------|------------|---------------|
| Impedance                | 50 Ω        |            |               |
| Interface frequency max. | 18 GHz      |            |               |
| Frequency range          | DC to 2 GHz | 2 to 8 GHz | 8 to 12.4 GHz |
| Return loss              | ≥ 30 dB     | ≥ 15 dB    | ≥ 10 dB       |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0411 kg |

#### Environmental Data

|                       |                  |
|-----------------------|------------------|
| Operating temperature | -65 °C to 165 °C |
| 2011/65/EC (RoHS)     | compliant        |

#### Material Data

Interface - N jack (female)

| Piece Parts    | Material                       | Surface Plating       |
|----------------|--------------------------------|-----------------------|
| Centre contact | Copper Beryllium Alloy         | SUCOPRO Plating       |
| Outer contact  | Brass                          | SUCOPLATE (R) Plating |
| Body           | Brass                          | SUCOPLATE (R) Plating |
| Insulator      | PTFE (Polytetrafluoroethylene) |                       |

Interface - N jack (female)

| Piece Parts    | Material                       | Surface Plating       |
|----------------|--------------------------------|-----------------------|
| Centre contact | Copper Beryllium Alloy         | SUCOPRO Plating       |
| Outer contact  | Brass                          | SUCOPLATE (R) Plating |
| Body           | Brass                          | SUCOPLATE (R) Plating |
| Insulator      | PTFE (Polytetrafluoroethylene) |                       |

### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00013814 |
|-------------------|--------------|

### Ordering Information

|                |                    |
|----------------|--------------------|
| Single package | 31_N-50-0-2/133_NE |
|----------------|--------------------|

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