**Data Sheet**

**RF TERMINATION**
Type 65002_N-50-1/122_N

### Description

Standard Termination, Low Power

### Product Configuration

| Connector | N plug (male) |
| Interface standards | IEC 60169-16_MIL-STD-348A/304_CECC 22210 |

### Technical Data

#### Electrical Data

- **Nominal Impedance**: 50 Ω
- **Frequency range**: 0 to 18 GHz
- **Frequency sub range**: DC to 8 GHz, 8 to 12.4 GHz, 12.4 to 18 GHz
- **VSWR max.**: 1.2, 1.2, 1.25
- **Power rating**: 2 Watt average power up to 25 °C ambient temperature, linearly derated to 1 Watt at 125 °C ambient temperature, 1000 Watt peak power, 5 µs pulse, 0.05 % duty cycle

#### Mechanical Data

- **Weight**: 0.038 kg

#### Environmental Data

- **Operating temperature**: -65 °C to 125 °C
- **Water and dust resistance**: IP66 (according to IEC 60529, data refer to the coupled state)
- **RoHS**: 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

### Material Data

<table>
<thead>
<tr>
<th>Piece Part</th>
<th>Material</th>
<th>Surface Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre contact</td>
<td>Copper Beryllium Alloy</td>
<td>Gold Plating</td>
</tr>
<tr>
<td>Outer contact</td>
<td>Brass</td>
<td>Nickel Plating</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>Nickel Plating</td>
</tr>
<tr>
<td>Insulator</td>
<td>PTFE (Polytetrafluoroethylene)</td>
<td></td>
</tr>
<tr>
<td>Coupling nut</td>
<td>Brass</td>
<td>Nickel Plating</td>
</tr>
</tbody>
</table>

### Related Documents

- **Outline drawing**: DOU-00112531

### Ordering Information

- **Single Packaging**: 65002_N-50-1/122_NE