Data Sheet

RF TERMINATION
Type 65_SMA-50-0-25/11-_Y

Description
Standard Termination, Low Power
With chain

Product Configuration

| Connector | SMA plug (male) |
| Interface standards | IEC 60169-15_MIL-STD-348A/310_CECC 22110 |

Technical Data

**Electrical Data**
- Nominal Impedance: 50 Ω
- Frequency range: 0 to 6 GHz
- Frequency sub range: DC to 3 GHz, 3 to 6 GHz
- VSWR max.: 1.1, 1.15
- Power rating: 1 Watt average power up to 85 °C ambient temperature, linearly derated to 0 Watt at 115 °C ambient temperature.

**Mechanical Data**
- Weight: 0.0045 kg
- Chain length: 60 mm
- Eye diameter: 4 mm
- Matings: 100
- Coupling nut torque: 0.45 Nm

**Environmental Data**
- Operating temperature: -40 °C to 115 °C
- Water and dust resistance: IP68 (1 m, 24 h) (according to IEC 60529, data refer to the coupled state)

**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>Brass</td>
<td>SUCOPRO Plating</td>
</tr>
<tr>
<td>Outer contact</td>
<td>Brass</td>
<td>SUCOPRO Plating</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>SUCOPRO Plating</td>
</tr>
<tr>
<td>Insulator</td>
<td>PTFE (Polytetrafluoroethylene)</td>
<td></td>
</tr>
<tr>
<td>Coupling nut</td>
<td>Brass</td>
<td>SUCOPRO Plating</td>
</tr>
<tr>
<td>Chain</td>
<td>Brass</td>
<td>SUCOPLATE (R) Plating</td>
</tr>
<tr>
<td>Eye</td>
<td>Brass</td>
<td>SUCOPLATE (R) Plating</td>
</tr>
</tbody>
</table>

**Related Documents**

- Outline drawing: DOU-00086706

**Ordering Information**

Single Packaging
Packaging: 65_SMA-50-0-25/11-_YE