Data Sheet

RF Attenuator
6810_N-50-1/1--_N

Description
Standard Attenuator, Low Power

Product Configuration
Connector (side 1 / side 2) N plug (male) / N jack (female)
Interface Standards IEC 60169-16 / MIL-STD-348A/304 / CECC 22210

Technical Data

Electrical Data
Nominal impedance 50 Ω
Nominal attenuation 10 dB
Frequency range DC to 6 GHz
Attenuation deviation (±dB) 0.5
VSWR max. 1.25
Power rating 2 Watt average power up to 25 °C ambient temperature, linearly derated to 1.1 Watt at 85 °C ambient temperature.

Mechanical Data
Weight 0.0657 kg

Environmental Data
Operating temperature -20 °C to 85 °C compliant

Material Data

<table>
<thead>
<tr>
<th>Material Data</th>
<th>Material</th>
<th>Surface Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre contact</td>
<td>Copper Beryllium Alloy</td>
<td>Gold Plating (without Nickel underplating)</td>
</tr>
<tr>
<td>Outer contact</td>
<td>Brass</td>
<td></td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>Tri-metal Plating</td>
</tr>
<tr>
<td>Insulator</td>
<td>PTFE (Polytetrafluoroethylene)</td>
<td></td>
</tr>
<tr>
<td>Coupling nut</td>
<td>Brass</td>
<td></td>
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Related Documents

Outline drawing DOU-00113052

Ordering Information

Single packaging 6810_N-50-1/1--_NE

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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