Data Sheet

Coaxial Cable Connector
11_4310-50-23-X1/033 -

Description

Straight cable plug

SMART QUICK-FIT connector
For outdoor applications
Water protection according to IP 68

Technical Data

Electrical Data
- Impedance: 50 Ω
- Interface frequency max.: 12 GHz
- Frequency range:
  - DC to 2.5 GHz
  - 2.5 to 3 GHz
- Return loss:
  - ≥ 30 dB
  - ≥ 28 dB
- Intermodulation:
  ≤ Static -155 dBC (2 x 43 dBm carrier)

Mechanical Data
- Centre contact: plugged
- Outer contact: clamped

Environmental Data
- Operating temperature: -40 °C to 85 °C
- 2011/65/EU (RoHS) compliant

Material Data

<table>
<thead>
<tr>
<th>Piece Parts</th>
<th>Material</th>
<th>Surface Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre contact</td>
<td>Bronze</td>
<td>Silver Plating</td>
</tr>
<tr>
<td>Outer contact</td>
<td>Brass</td>
<td>SUCOPLATE (R) Plating</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>SUCOPLATE (R) Plating</td>
</tr>
<tr>
<td>Insulator</td>
<td>PTFE (Polytetrafluoroethylene)</td>
<td></td>
</tr>
<tr>
<td>Coupling nut</td>
<td>Brass</td>
<td>SUCOPLATE (R) Plating</td>
</tr>
</tbody>
</table>

Related Documents

Outline drawing  DOU-00301618
Assembly instruction DOC-0000295365

Ordering Information

Single package  11_4310-50-23-X1/033 -E

Additional Information

Suitable cables
- SUCOFEED_7/8_LA, SUCOFEED_7/8_LW_LA, SUCOFEED_7/8, Heliax AVA5-50, NK Cables RFA 7/8-50,
  - Cellflex LCF78-50A, CELLFLEX LCF78-50L
- IEC 61169-54

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