# SubConn® Circular Splitconn

## 2 contacts

### Connector specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage rating</td>
<td>600 V DC/AC rms</td>
</tr>
<tr>
<td>2 contacts current rating</td>
<td>10 A per contact (max 20 A per connector)</td>
</tr>
<tr>
<td>Insulation resistance</td>
<td>&gt; 200 Mohm</td>
</tr>
<tr>
<td>Contact resistance</td>
<td>&lt; 0.01 ohm</td>
</tr>
<tr>
<td>Wet matings</td>
<td>&gt; 500 (open face rated)</td>
</tr>
<tr>
<td>Temperature rating (water)</td>
<td>- 4 to 60°C, 25 to 140°F</td>
</tr>
<tr>
<td>Temperature rating (air)</td>
<td>- 40 to 60°C, - 40 to 140°F</td>
</tr>
<tr>
<td>Storage temperature rating</td>
<td>- 40 to 60°C, - 40 to 140°F</td>
</tr>
<tr>
<td>Design depth rating</td>
<td>1,400 bar, 20,000 psi</td>
</tr>
<tr>
<td>Qualified pressure tested</td>
<td>800 bar, 11,600 psi</td>
</tr>
</tbody>
</table>

### Material specifications

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector body</td>
<td>Chloroprene rubber</td>
</tr>
<tr>
<td>Contacts</td>
<td>Gold plated brass UNS - C36000</td>
</tr>
<tr>
<td>Location pin</td>
<td>Stainless steel AISI 303</td>
</tr>
<tr>
<td>Locking sleeves</td>
<td>POM</td>
</tr>
<tr>
<td>Snap rings</td>
<td>Stainless steel AISI 302</td>
</tr>
<tr>
<td>2 conductor inline cable (2 ft, 60 cm)</td>
<td>18 AWG, 0.82 mm² chloroprene rubber</td>
</tr>
</tbody>
</table>

### Face view (male)

![Face view (male)](image)

### Inline cable colour code

- 1 Black
- 2 White

### Nominal cable outside diameter (OD)

- 2 conductor cable 0.276", 7 mm
Introduction
Circular
Micro Circular
Low Profile
Micro Low Profile
Metal Shell
Power
Ethernet
Cox
Specials
Penetrator
Polyurethane Cables
Accessories
Technical Information

Dimensions in mm (1 mm = 0.03937 inch)
Threads in inches (1 inch = 25.4 mm)

For more information see page 12/13

DLSA Snap Ring

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