**Ducon Series**

**2.8**

**Cross Sectional View**

![Cross Sectional View](image)

**Female Connector Assembly**

**Male Connector**

---

**2.8 FEMALE TERMINALS SEALED**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Cable Range (mm²)</th>
<th>Material</th>
<th>Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td>12158098</td>
<td>1.5-0.5</td>
<td>Copper Nickel Silicon Alloy</td>
<td>Tin</td>
</tr>
<tr>
<td>12185008</td>
<td>2.5-1.5</td>
<td>Copper Nickel Silicon Alloy</td>
<td>Tin</td>
</tr>
</tbody>
</table>

---

**2.8 FEMALE CONNECTOR ASSEMBLY SEALED**

<table>
<thead>
<tr>
<th># Cavities</th>
<th>Connector</th>
<th>Color</th>
<th>Material</th>
<th>TPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>15344052</td>
<td>Black</td>
<td>PA6</td>
<td>12185000</td>
</tr>
</tbody>
</table>

**Optional Conduit**

**TPA Cap**

Black PA6 10717815

---

**2.8 DUCON CABLESEALS**

<table>
<thead>
<tr>
<th>Reel Part #</th>
<th>Loose Part #</th>
<th>Cable Diameter</th>
<th>Material</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>12089442</td>
<td>12048087</td>
<td>2.00-1.20</td>
<td>Silicone</td>
<td>Blue</td>
</tr>
<tr>
<td>10720769</td>
<td>15363981</td>
<td>2.40-1.60</td>
<td>Silicone</td>
<td>White</td>
</tr>
<tr>
<td>15363992</td>
<td>12048086</td>
<td>2.90-2.00</td>
<td>Silicone</td>
<td>Dk. Red</td>
</tr>
</tbody>
</table>

---

**Sealed System Application Information**

**2.8 SERIES TERMINALS—Tin Plated**

- **CABLE RANGE** (mm²): 0.5-2.5
- **CURRENT RANGE** (AMPS): 33
- **TEMP RANGE** °C: -40 to 135
- **RESISTANCE**: <10mΩ@20mV
- **VOLTAGE DROP**: <4.0mV/amp
- **CENTERLINE SPACING** (mm): 6.0
- **BLADE WIDTH** (mm): 2.8

---

*The test data are based on single circuits in free space and were generated using a “Lumped Resistance” model. This model does not account for all of the variables that would be present in an actual application. For actual product performance, contact your regional support representative at the number listed below.

---

**2.8 MALE TERMINALS SEALED**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Cable Range (mm²)</th>
<th>Material</th>
<th>Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td>12185129</td>
<td>1.5-0.5</td>
<td>Copper Nickel Silicon Alloy</td>
<td>Tin</td>
</tr>
<tr>
<td>12185237</td>
<td>2.5-1.5</td>
<td>Copper Nickel Silicon Alloy</td>
<td>Tin</td>
</tr>
</tbody>
</table>

**2.8 DUCON CAVITY PLUGS**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Cavity Inside Diameter</th>
<th>Material</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>15337197</td>
<td>5.2mm</td>
<td>Silicone</td>
<td>White</td>
</tr>
<tr>
<td>10730124</td>
<td>5.2mm</td>
<td>Silicone</td>
<td>Green</td>
</tr>
</tbody>
</table>

---

*Cavity plugs seal unused female and male cavities.

**SECTION NOTES:**

- Contact your regional support representative at the number listed below.
- Ducon Connection Systems have been validated using DIN Cable Standards.

---

**North American Region**

- 1-800-PACKARD

**European Region**


**Asia Pacific Region**

- 65-730-9900

**South American Region**

- 55-12-378-2002
Ducon Series

PART NO: 15344052
DESCRIPTION: Connector Assembly 6F
SIZE: 30.4L x 22.2H x 29.0W
COLOR: Black
MATERIAL: PA6
TERMINALS: See Page 206

PART NO: 12185000
DESCRIPTION: TPA
NUMBER REQ: 2
COLOR: Black
MATERIAL: PA6

PART NO: 12185126
DESCRIPTION: Connector 6M (Clip Slot)
SIZE: 53.6L x 22.0H x 29.0W
COLOR: Gray
MATERIAL: PA6
TERMINALS: See Page 207

PART NO: 10717815 (Optional)
DESCRIPTION: Conduit TPA Cap
NUMBER REQ: 2
COLOR: Black
MATERIAL: PA6

Total Mated Length: 67.0mm
A PART NO: 12185026*(Black)
15344040*(Blue)
15344042*(White)
DESCRIPTION: Connector 2F
SIZE: 30.3L x 16.9H x 29.0W
MATERIAL: PA6
TERMINALS: See Page 206
*DIFFERENT INDEXING FEATURES.

B PART NO: 12185027
DESCRIPTION: TPA
COLOR: Black
MATERIAL: PA6

http://delphi.com/products/connect