We are so confident of our ability to deliver a connector that meets your requirements that we're proud to offer the Amerline Challenge. Take the Challenge and request your free sample today!

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**Product Quick Links**
- Connectors Home
- Waterseal Terminals

**Panel Connectors**

- Male, 3-Way
- Male Shell Plug (7643456)
- Nylon Sleeves (8388543)

14 Gauge Cable Only • Ordnance Assembly
No. 8389454 • Military Standard No. MS27145

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**“Y” Type Waterproof, Line Connectors**

- Male Shell Plug Connector
- Female “Y” Connector Assembly (7824040) Military Standard MS27147
- Male Shell Plug Connector

• See above table for components of male shell connectors.

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**MS Single Wire Waterproof Connectors**

General Information

<table>
<thead>
<tr>
<th>Gauge No. of Cable</th>
<th>Part No. Classification</th>
<th>Complete Assembly Part Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Female Shell Part No.</td>
<td>Male Shell Part No.</td>
</tr>
<tr>
<td>16</td>
<td>MS27142-3</td>
<td>MS27144-2</td>
</tr>
<tr>
<td>16</td>
<td>MS27142-2</td>
<td>MS27144-1</td>
</tr>
<tr>
<td>14</td>
<td>MS27140-1</td>
<td>MS27140-2</td>
</tr>
<tr>
<td>12</td>
<td>MS27140-3</td>
<td>MS27140-2</td>
</tr>
</tbody>
</table>

• A ribbed (polarized) male shell, 7982401, is available in place of part number 8338561 for 14 and 16 gauge cable. Completed male assembly for 12 gauge requires the use of a 8338570 washer rather than a sleeve. All above female components conform to dimensions as shown on military standard MS33800. The MS33800 is a design specification and is not to be used as a part number.

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**Single Line**

- Tip Terminal
  - Brass, Silver Plated
- Terminal
  - Phosphor Bronze, Silver Plated

- “C” Washer
- Nylon Sleeve
- Male Shell Plug Receptacle

• An assembled connector is "Male" or "Female" depending on the gender of its shell.