Amphenol® Submariner 5500-Series
Dry Mate Underwater Connectors

Amphenol Industrial Global Operations is proud to offer a series of Subsurface dry-mate connectors. The Submariner 5500-Series is manufactured by our Amphenol Oil & Gas Technologies division. These underwater electrical connectors are extremely rugged and reliable. The rugged metal shells and recessed pins assure reliable performance in the most demanding environments. All polymer-to-metal bonding surfaces are carefully sandblasted, cleaned, primed, and molded using proven techniques and bonding agents. The Submariner 5500-Series is available in 2 different shell sizes and a variety of configurations with wire gauges ranging from 10-16 AWG.

Features:
- Depth: > 6,000 meters (600 bar)
- Operating Temperature: -5°C to 65°C
- Max Operating Voltage: 600V
- Machine-molded Neoprene insulation material
- Made from 316 Stainless Steel
- Gold-plated Contacts per MIL-G 45204 at 30microns
- Cable assembly/pigtail available
- Fully compatible with other industry standard connectors

www.amphenol-industrial.com
## How to order

<table>
<thead>
<tr>
<th>55</th>
<th>0</th>
<th>1</th>
<th>-20</th>
<th>06</th>
<th>-003</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>Designation</td>
<td>Model Type</td>
<td>Shell Type</td>
<td>Contact Configuration</td>
<td>Cable Length in Feet</td>
</tr>
<tr>
<td>55</td>
<td>0-600V Standard</td>
<td>1-CCP</td>
<td>15</td>
<td>02</td>
<td>(Shell Size 15 Only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6-FCR</td>
<td>20</td>
<td>13</td>
<td>(Shell Size 20 Only)</td>
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<tr>
<td></td>
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<td>7-BCR</td>
<td></td>
<td>03, 04, 06, 08</td>
<td>(Shell Sizes 15 and 20 Only)</td>
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</tbody>
</table>

**Example:** 5501-2006-0003 denotes: 55 Series, 600V, model CCP, shell size 20, 6 contacts with a length of 3 feet.

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For further information on your individual application requirements, contact: Amphenol Corporation

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