TE Connectivity’s (TE) CoolSplice Connector portfolio has been expanded to include connectors suitable for larger wire sizes (12 AWG to 18 AWG/4mm² to 2.5mm²). All CoolSplice connectors allow for push button termination using a common pair of pliers. Both wires are terminated independently for ease of use, and this feature allows for factory pre-termination of one wire and field termination of the second during installation. All CoolSplice connectors offer a gel-filled sealed version of the standard product extending use of CoolSplice into harsh environment applications requiring ingress protection from the elements. A thoughtful design includes a clear body material for visual inspection of the termination and to distinguish between our standard and sealed product. Red, yellow & blue color coded termination buttons take the guess work out of matching wire size to appropriate connector.

Benefits
• Save installation time and eliminate the need to pre-strip wires with insulation displacement technology (IDC)
• Enable a waterproof solution with an IP rated splice
• Easy factory or field installation using independent left and right side push button termination
• Flexibility in multi-pair termination design with stacking feature

Applications
• Outdoor Lighting
  - Roadway Street and Area
  - Signs and Building Façade
  - Architectural
  - Bridge and Tunnel
• Indoor Lighting Fixtures
• Wiring Harness Field Repairs

Electrical
• Current / Voltage Rating:
  - 12 AWG (4.0mm²) wire – 20A Max at 600V
  - 14 AWG (2.5mm²) wire – 15A Max at 600V
  - 16 AWG (1.5mm²) wire – 15A Max at 600V
  - 18 AWG (0.75mm²) wire – 10A Max at 600V
• Dielectric Withstanding Voltage: 3400 VAC

Mechanical
• Ambient temperature between -40 C and 75 C
• Operating temperature between -40 C and 105 C
• Suitable for 18 AWG to 12 AWG (0.75mm² – 4.0mm²) solid and stranded (see product specifications)
• IP20, IPX5, IPX7 and IPX8 rating (2 hours, 1m under water)

Specifications
• Product Specification: 108-133061
• Application Specification: 114-133061

Product Compliance / Approvals
• IEC 60998-2-3
• UL 486C

Materials
• Housing: Polycarbonate
  - UL 94V-2
  - UL 746C – fl1 rated
• Contact: Tin plated, copper alloy
## Product Selection Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Wire Size*</th>
<th>Sealed (Y/N)</th>
<th>Part Number**</th>
</tr>
</thead>
<tbody>
<tr>
<td>CoolSplice Connector</td>
<td>12/14 - 14/16 AWG</td>
<td>Y</td>
<td>2213600-1</td>
</tr>
<tr>
<td>Large Wire</td>
<td>4.0/2.5 - 2.5/1.5 mm²</td>
<td></td>
<td></td>
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<tr>
<td>CoolSplice Connector</td>
<td>12/14 - 16/18 AWG</td>
<td>Y</td>
<td>2213600-2</td>
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<tr>
<td>Large Wire</td>
<td>4.0/2.5 - 1.5/0.75 mm²</td>
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<tr>
<td>CoolSplice Connector</td>
<td>14/16 - 16/18 AWG</td>
<td>Y</td>
<td>2213600-3</td>
</tr>
<tr>
<td>Large Wire</td>
<td>2.5/1.5 - 1.5/0.75 mm²</td>
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<td></td>
</tr>
<tr>
<td>CoolSplice Connector</td>
<td>12/14 - 12/14 AWG</td>
<td>Y</td>
<td>2213600-7</td>
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<tr>
<td>Large Wire</td>
<td>4.0/2.5 mm²</td>
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<tr>
<td>CoolSplice Connector</td>
<td>16/18 - 16/18 AWG</td>
<td>Y</td>
<td>2213600-8</td>
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<tr>
<td>Large Wire</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

*Wire sizes corresponding to IEC60998-1

**Standard parts available on request (without gel)

## Dimensions

![Diagram of CoolSplice Connectors Large Wire](image)

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