

# COOLSPICE CONNECTORS

## LARGE WIRE

TE Connectivity's (TE) CoolSplice Connector portfolio has been expanded to include connectors suitable for larger wire sizes. 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.



### 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:**
  - 14 AWG wire - 15A Max at 600V AC/400V DC
  - 16 AWG wire - 15A Max at 600V AC/400V DC
  - 18 AWG wire - 10A Max at 600V AC/400V DC
- **Dielectric Withstanding Voltage:**
  - 3400 VAC

### Mechanical

- Ambient temperature between -40 C and 75 C
- CoolSplice operating temperature between -40 C and 105 C
- IP20, IPX5, IPX7 and IPX8 rating (2 hours, 1m under water)

### Specifications

- Product Specification: [108-133061](#)
- Application Specification: [114-133061](#)

### Key Benefits

- Enable a waterproof solution with an IP rated splice
- Easy factory or field installation using independent push button termination for left and right side of the connector
- Save installation time and eliminate the need to pre-strip wires with insulation displacement technology (IDC)
- Inventory three P/Ns to accommodate eight different wire combinations

### Product Compliance / Approvals







- IEC 60998-2-3
- UL 486C

### Materials

- Tin plated, copper alloy insulation displacement contacts
- UL 94V-2

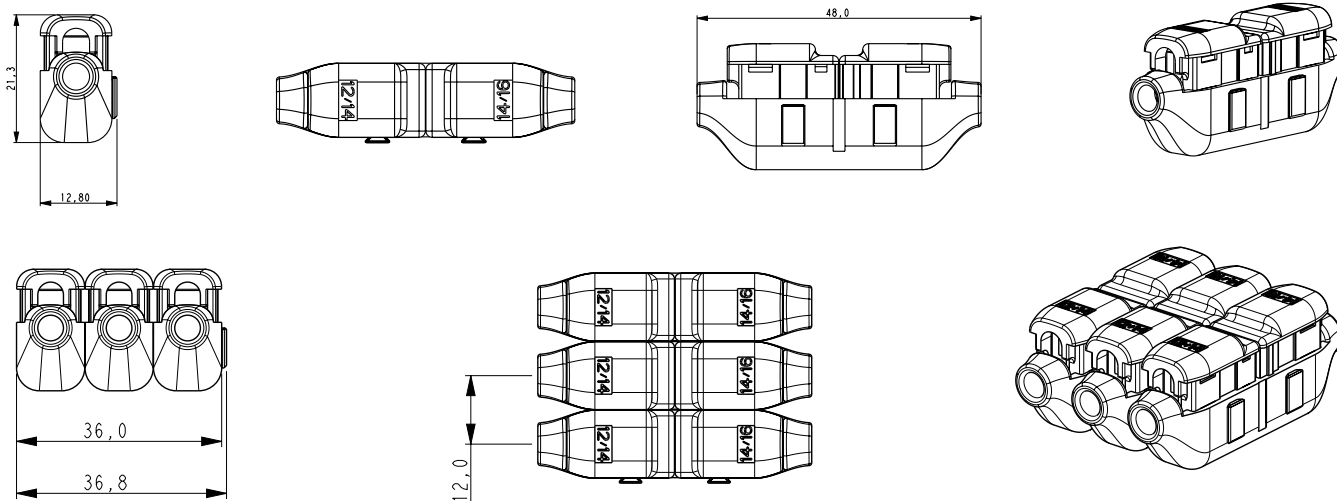


Product Selection Information

Description	Wire Size*	Sealed (Y/N)	Part Number
 CoolSplice Connector Large Wire	12/14 - 14/16 AWG 4.0/2.5 - 2.5/1.5 mm <sup>2</sup>	Y	<a href="#">2213600-1</a>
 CoolSplice Connector Large Wire	12/14 - 16/18 AWG 4.0/2.5 - 1.0/0.75 mm <sup>2</sup>	Y	<a href="#">2213600-2</a>
 CoolSplice Connector Large Wire	14/16 - 16/18 AWG 2.5/1.5 - 1.0/0.75 mm <sup>2</sup>	Y	<a href="#">2213600-3</a>
 CoolSplice Connector Large Wire	12/14 - 14/16 AWG 4.0/2.5 - 2.5/1.5 mm <sup>2</sup>	N	<a href="#">2213600-4</a>
 CoolSplice Connector Large Wire	12/14 - 16/18 AWG 4.0/2.5 - 1.0/0.75 mm <sup>2</sup>	N	<a href="#">2213600-5</a>
 CoolSplice Connector Large Wire	14/16 - 16/18 AWG 2.5/1.5 - 1.0/0.75 mm <sup>2</sup>	N	<a href="#">2213600-6</a>

\*Wire sizes corresponding to IEC60998-1

Dimensions



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