

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

- **UL Current / Voltage Rating:**
 - 14AWG wire - 15A Max at 600 VAC
 - 16AWG wire - 13A Max at 600 VAC
 - 18AWG wire - 10A Max at 600 VAC
- **Dielectric Withstand Voltage:**
 - 3400 VAC

Mechanical

- -40°C to +105°C continuous operating temperature
- IP30, IPX5, IPX7 and IPX8 (2 hours, 1m under water) rating

Specifications

- Product Specification: [108-133061](#)
- Application Specification: [114-133061](#)
- Qualification report: 501-19232

Key Benefits

- Enable a waterproof solution with an up to IPX8 rated connector
- 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

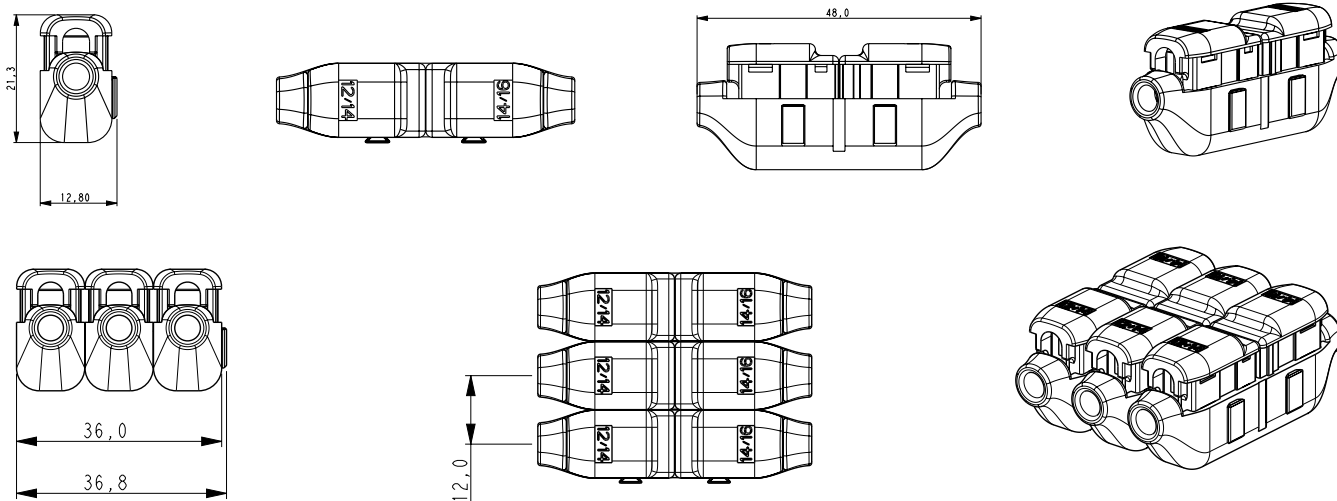
Materials

- Tin plated, copper alloy insulation displacement contacts
- UL 94V0 rated materials

Product Selection Information

Description	Wire Size	Sealed (Y/N)	Part Number
 CoolSplice Connector Large Wire	12/14 - 14/16 AWG 3.5/2.0 - 2.0/1.5 mm ²	Y	2213600-1
 CoolSplice Connector Large Wire	12/14 - 16/18 AWG 3.5/2.0 - 1.0/0.75 mm ²	Y	2213600-2
 CoolSplice Connector Large Wire	14/16 - 16/18 AWG 2.0/1.5 - 1.0/0.75 mm ²	Y	2213600-3
 CoolSplice Connector Large Wire	12/14 - 14/16 AWG 3.5/2.0 - 2.0/1.5 mm ²	N	2213600-4
 CoolSplice Connector Large Wire	12/14 - 16/18 AWG 3.5/2.0 - 1.0/0.75 mm ²	N	2213600-5
 CoolSplice Connector Large Wire	14/16 - 16/18 AWG 2.0/1.5 - 1.0/0.75 mm ²	N	2213600-6

Dimensions



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USA: +1 (800) 522-6752
Canada: +1 (905) 475-6222
Mexico: +52 (0) 55-1106-0800
Latin/S. America: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999

UK: +44 (0) 800-267666
France: +33 (0) 1-3420-8686
The Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015