



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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COOLSPLICE WIRE-TO-WIRE CONNECTORS

SIMPLE, EASY CONNECTING

CoolSplice connectors help eliminate the need to pre-strip the insulation from the wire conductors and provide a visually controlled termination. The push connect buttons provides a more ergonomic wire termination than conventional twist-on wire connectors / nuts (marrettes). The slim, symmetrical contoured, snag resistant connectors fit through a 16.00mm [0.630] diameter hole or pvc tube.

Applications

- Commercial refrigeration lighting
- Display and cabinet lighting
- Lighting in furniture
- Outdoor lighting
- Signs and building façade lighting
- Security and alarm systems
- Domotics (home automation)
- Audio speaker connections
- Wide range of other applications

Electrical

- **Voltage:** 230V Max
50V AC/120DC
- **Current:** 5 Amp Max
2.5 A Max

Mechanical

- **Operating temperature:** -40 to +85 °C
- **Cable entry diameter:** Max 7.3 mm
- **Wire entry diameter:** Max 2.85 mm
- Suitable for 0.75 mm² and AWG 18 stranded, fused, solid (see product specifications)

Standards

- KEMA/ENEC
- UL

Specifications

- Application Specification: [114-19136](#)
- Product Specification: [108-19419](#)

Key Benefits

- Time saving
- Left / right termination made independent
- Cost saving because fast & simple push-button
- Termination using standard pliers
- Space saving
- Aesthetically pleasing
- Easy to keep clean because no ribs or edges
- Smooth transition from jacketed cable to connector
- Optional IP65 & 67 sealing
- Suitable up to 2.5Amp / 230V
- Fits through Ø 15 mm hole
- Suitable for solid, fused and stranded wire
- Ring to cover jacketed cable

How CoolSplice Connectors work

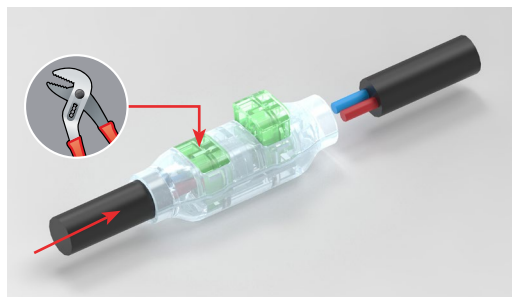
CoolSplice connector

CoolSplice connector buttons must be sticking out when no wires are connected.



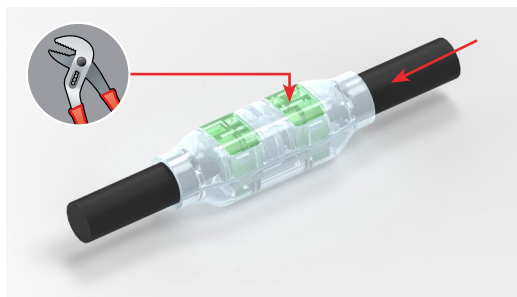
Step 1

If present, strip the outer jacket over the appropriate length. Push the wire into the CoolSplice connector exactly half way. Push down the button. Visually check the termination.



Step 2

Repeat step 1 but now on the other side.



Ready

Connection complete. It is always possible to visually check your connection! You should see the isolation of all wires inside the CoolSplice Connector between the buttons.



Product Selection Information

Part Number	Description
293545-1	Unsealed (green buttons) standard version
293545-2	Sealed (blue buttons) standard version

Packaging: PPQ=15 in a box. (MOQ = 1920, 128 boxes)

LET'S CONNECT

We make it easy to connect with our experts and are ready to provide all the support you need. Just call your local support number or visit www.te.com/industrial to chat with a Product Information Specialist.

Technical Support

te.com/support-center

FOR MORE INFORMATION

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Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined www.te.com/leadfree

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