



Channel Letter Splice

Connecting you to more.

PART# 980110



1.0 APPLICATION

1.1 Insulation Displacement Connectors (IDC) are ideal for splicing wires and cables in Irrigation and Low Voltage Lighting systems. The proven concept allows the splices to be made without stripping the insulation from the wires. The application is for residential and commercial/industrial projects.

2.0 CONSTRUCTION

2.1 NO STRIPPING OF WIRES

The connector utilizes the proven "Insulation Displacement Connector" method whereby a copper element cuts through the sides of the wire insulation and applies inward pressure to the copper conductor. This makes a secure, reliable connection.

2.2 MODEL/WIRE SIZES

2.1.1 316IR

2.3 A WATERPROOF GEL

Protects the electrical connection from moisture and water. For splicing low voltage connections in Channel Letters. Allows for one input and two output wires.

2.4 QUICK AND EASY TO USE

Simply slide the un-stripped wires inside the connector ports and push the black lid down using a pair of long-handled pliers.

2.5 THE INSULATION DOES NOT SHRINK BACK

During the installation process, wire is sometimes stretched. When the wire is cut, the insulation slowly shrinks back. Because the copper blades of IDC's only cut the sides of the insulation, it is held inside the gel-filled connector.

2.6 THE WIRE RANGE

Ideal for low voltage applications in LED Channel letters and other low voltage signage applications.

| WIRE RANGE | | | |
|-------------------------------|---------------------------------|-------------------------------|---------------------------------|
| Outer ports | | Center ports | |
| AWG | mm ² | AWG | mm ² |
| 22 to 16 solid or stranded | 0,3 to 1,3 solid or stranded | 22 to 16 solid or stranded | 0,3 to 1,3 solid or stranded |

2.7 RATED FOR 600 VOLTS

Listed under UL486C for USA and Canada.

2.8 MADE IN THE USA

Unquestioned quality by a name you can trust.

3.0 PACKAGING

3.1

| PACKAGING DETAILS | |
|-------------------|---------------------|
| PAIGE PART NUMBER | Qty per case |
| 980110 | 500 (20 bags of 25) |



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Channel Letter Splice

Connecting you to more.

Powering connections

For 60+ years

By combining innovative wire and cable solutions with a service-focused approach, Paige has become the go-to provider for application-driven products. With an operating presence in more than 100 countries and seven North American locations, we have the reach to handle the most complex jobs and the expertise to customize any order to your exact needs.

Our SignWire expertise makes for the best customer experience

- Real-time order tracking and redundant facilities across the nation make for on-time delivery
- Agile operations mean we can respond and act quickly
- Our UL-listed products are specifically rated for plenum and direct burial, plus they meet UL and NEC Code.

What sets the Paige Channel Letter Splice apart?

- Designed specifically for low voltage splice applications
- No wire stripping required
- Allows for one power input and two output wires
- Accommodates wires from 16 AWG to 22 AWG
- No copper exposure to oxygen and moisture
- Anti-corrosion gel operates from -40 degrees C to 105 degrees C
- Only pliers are needed for installation
- UL and c(UL) listed



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