



HYDRO CONNECT

IDEAL® UNDERGROUND CABLE CONNECTORS

Direct Burial Irrigation Valve Cable Connectors

HC-WC60, 64

HOUSING: **Thermoplastic Polyester**

INSERT: **Steel**

PLATING: **Zinc**

TEMPERATURE: **105°C**

SEALANT: **100% Silicone**

100% silicone-based sealant protects against moisture and corrosion. Designed as a single-use only connection. Easy to apply, pre-filled twist-on wire connectors. Eliminates the need for heat-shrink or excessive taping

SCOPE:

Silicone-filled cable connectors specifically designed for use in professionally installed irrigation control and landscape lighting systems. These connectors provide a secure electrical connection for pre-stripped copper wires and seal the connection for use in damp/wet locations and direct bury applications. Connected and protected in one easy, time-saving process.

FEATURES:

Sealing Protection

Pre-filled with 100% silicone sealant. Protects against the harsh, damaging effects of moisture and corrosion. Provides a high-reliability electrical connection.

Agency Approvals

Each of these products are UL Listed and CSA certified. These products are designed to exceed the rigorous test standards of UL486G as a Sealed Wire Connector System.

Product Line

Intended for use in damp/wet locations and direct bury applications.

Electrical Connection

The expanding square-wire spring provides fast secure connections. Easy installation saves time, improves productivity, and reduces installed labour costs. Rated 600 volts max.

Shell design

Swept-wing design provides improved leverage and increased torque, making it easy on the fingers when installing many connections over a short period of time.

Hex-Top

This integrated feature allows the use of a hand applied nut-driver or cordless-drill driver to install connectors quickly and efficiently.

Impact Resistant

A tough thermoplastic shell provides exceptional durability and protects the connection from impact as well as the damaging effects of harmful UV rays.

Wide Cable Range

Complete line covers a wide range of popular combinations and wire sizes from 1.0 to 6.0mm². Two underground models help reduce inventory and SKUs.

Manufactured in the U.S.A. by IDEAL INDUSTRIES

HYDRO CONNECT

IDEAL® WEATHERPROOF CABLE CONNECTORS

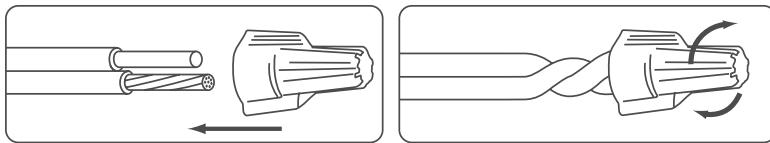
Irrigation Valve Cable Connectors


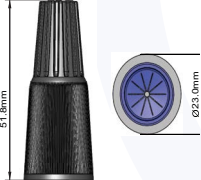
INSTALLATION:

NOTE: FOR USE ON COPPER WIRE ONLY. DO NOT USE ON ALUMINUM WIRE. ONE TIME USE ONLY. DO NOT REUSE CONNECTOR.

Installation instructions:

1. Turn off power before removing or installing connectors.
2. Strip wires: Model 60® = 12.7mm
Model 64® = 16mm
3. Straighten wires and align frayed strands.
4. Hold wires together with ends even. Lead stranded wires slightly ahead of solid wires.
5. **Pre-twisting is required for 0.5-1.5mm² cable sizes.** For pre-twisting; strip wires long, hold wires together with insulation even, twist wire ends together, trim to recommended strip length.
6. Insert wire bundle through centre of pie-wedge shaped cap and twist clockwise until tight.



Code	HC-WC60	HC-WC64
Dimensions		
Size	Small	Medium
Colour	Grey	Grey/Dk Blue
Cable Range	Min 2 x 1.0mm ² Max 3 x 4.0mm ²	Min 2 x 1.0mm ² Max 3 x 6.0mm ²
	2 to 4 x 1.0mm ² 2 to 4 x 1.5mm ² 2 to 3 x 2.5mm ² 2 to 3 x 4.0mm ²	2 to 4 x 1.0mm ² 2 to 4 x 1.5mm ² 2 to 4 x 2.5mm ² 2 to 3 x 4.0mm ² 2 to 3 x 6.0mm ²
Pack Size	Box of 100	Box of 50