IDEAL electrical™

WEATHERPROOF AND UNDERGROUND WIRE CONNECTORS



WEATHERPROOF & UNDERGROUND
WIRE CONNECTORS

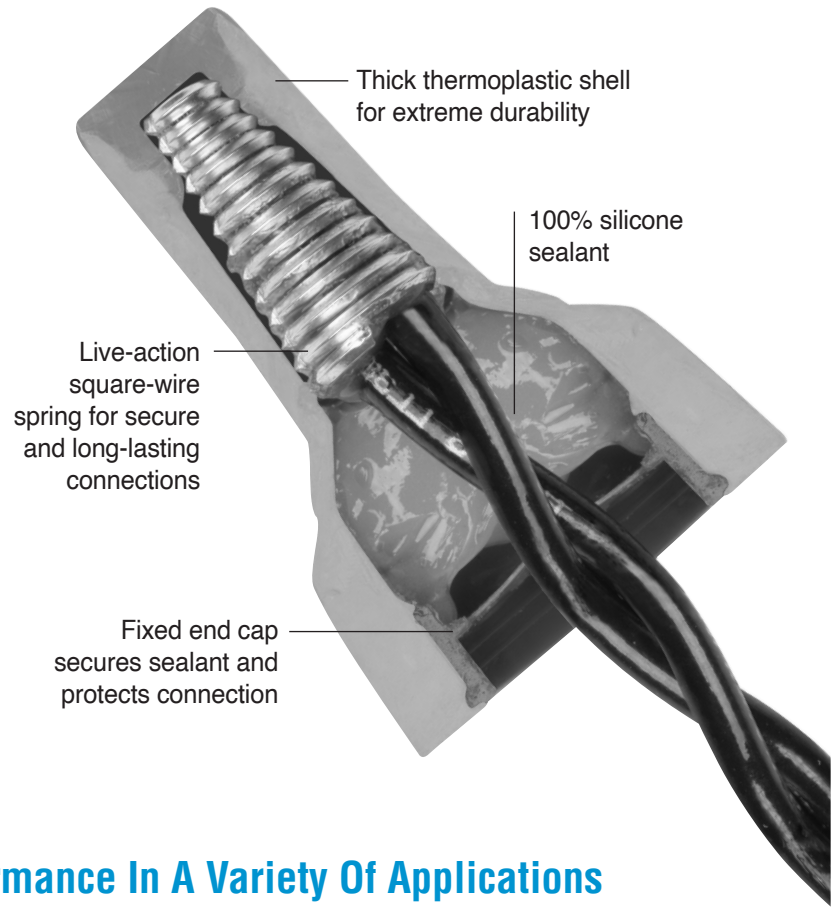
Connected And Protected

You have a tough job. IDEAL, the leading brand in twist-on wire connectors, makes it easier with our tough and dependable line of WeatherProof and UnderGround Wire Connectors.

Durability: These harsh-duty wire connectors have been designed specifically to handle wire connections exposed to damp/wet and direct bury/below grade conditions.

Performance: Each connector is pre-filled with a long-lasting, 100% silicone sealant that protects your electrical connections from the most severe environments.

Cost Savings: They save you time and money, too. With other connectors, you have to use heat shrink, resin packs, multi-step corrosion kits, or caulk and tape to protect your electrical connections from moisture and corrosion. Our pre-filled connectors eliminate these costly, time-consuming steps and give you maximum protection with just a few simple twists.



Better Connections, Superior Performance In A Variety Of Applications



WeatherProof Wire Connectors Above-Grade (Ground) Use

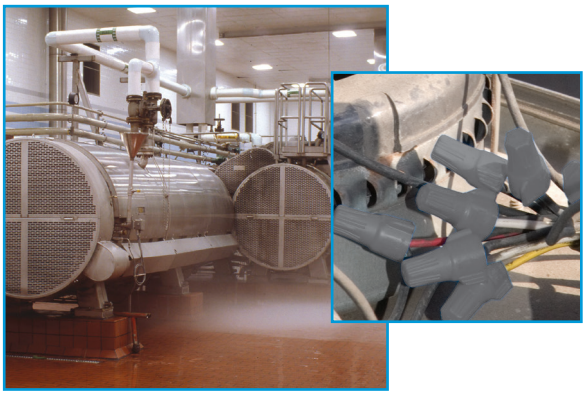
WeatherProof Wire Connectors are designed to excel in above grade, interior/exterior connections exposed to damp/wet and corrosive environments.

In many cases, traditional twist-on wire connectors are not suitable for these applications and require additional materials like heat shrink, resin packs or tape to ensure a safe connection.

IDEAL WeatherProof Wire Connectors eliminate the need for these additional materials and provide a safe, durable and long-lasting connection in these harsh environments in one easy step. It all adds up to valuable savings in time, money and energy.

Applications

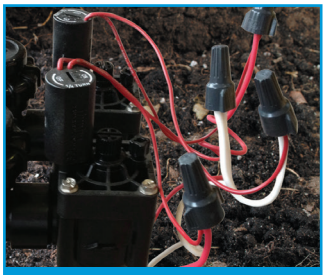
- industrial/processing applications
- outdoor lighting and signage
- outdoor power outlets
- deck and patio lighting
- pool filters and pumps
- basement, garage and car-port circuits
- bathroom/spa vent fans
- security systems and lighting
- irrigation systems



Our pre-filled wire connectors are manufactured to be safe, durable and dependable under the most severe conditions.



marine shore-power and dock lighting



processing plants



car wash controls

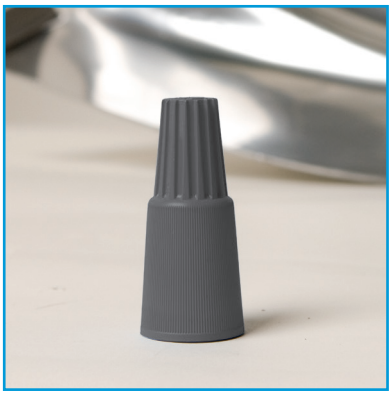
UnderGround Wire Connectors Below Grade (Ground) Use

UnderGround Wire Connectors are specifically designed to secure and protect wire connections in a wide variety of wet location/direct burial applications. UnderGround connectors are manufactured with an extra-thick, thermoplastic shell for extreme durability and reliable connections.

These connectors are made tough and have been designed to exceed the rigorous test standards of UL486G. The easy application process delivers quick, safe and long-lasting connections in harsh wet location and direct burial applications.

Applications

- parking lot and street lighting
- lawn-sprinkler controls
- sump and well pump installations
- ejection pumps
- valve control boxes
- golf course installations



Thick thermoplastic shell can take a hit from accidental impacts.



outdoor facility lighting



landscape lighting



traffic signal controls

FEATURES
COMPARISON CHART

WeatherProof Wire Connectors

MODEL	COLOR	WIRE COMBINATION RANGE	WIRE COMBINATION RANGE (MM)	QUANTITY	PART NO.
61® 	Gray/Orange	600V* 22 to 14 AWG Min. 2 #20 - Max. 2 #14	600V* ,34mm2 to 4,0mm2 Min. 2-,5mm2 – Max. 2-2,5mm2	Card of 25	30-1161
				Jar of 150	30-1261J
				Carton of 1,000	30-1361
62® 	Gray/Red	600V* 18 to 8 AWG Min. 3 #18 - Max. 2 #10 w/1 #14	600V* ,75mm2 to 10,0mm2 Min. 2-1,5mm2 Sol. – Max. 2-6,0mm2	Card of 20	30-1162
				Jar of 100	30-1262J
				Carton of 1,000	30-1362
63® 	Gray/Dk. Blue	600V* 16 to 6 AWG Min. 3 #14 – Max. 5 #10	600V* 1,5mm2 to 16,0mm2 Min. 3-2,5mm2 Sol. – Max. 5-6,0mm2	Card of 15	30-1163
				Jar of 50	30-1263J
				Carton of 1,000	30-1363

UnderGround Wire Connectors

MODEL	COLOR	WIRE COMBINATION RANGE	WIRE COMBINATION RANGE (MM)	QUANTITY	PART NO.
60® 	Gray/Gray	600V* 20 to 10 AWG Min. 1 #20 w/1 #18 Max. 1 #10 w/2 #12	600V* ,5mm2 to 6,0mm2 Min. 1-,5mm2 w/1,75mm2 Max. 1-6,0mm2 w/2-4,0mm2	Card of 25	30-1160
				Box of 100	30-1260
64® 	Gray/Dk. Blue	600V* 18 to 8 AWG Min. 2 #18 Sol. – Max. 3 #10	600V* ,75mm2 to 10,0mm2 Min. 2-,75mm2 Sol. – Max. 3-6,0mm2	Box of 50	30-1264
66™ 	Gray/Dk. Blue	600V* 14 to 6 AWG Min. 3 #12 – Max. 2 #6 w/1 #10	600V* 2,5mm2 to 16,0mm2 Min. 3-4,0mm2 Sol. – Max. 2-16,0mm2 w/1-6,0mm2	Box of 50	30-1066

Combo Packs

MODEL	DESCRIPTION	QUANTITY	PART NO.
61®/62®	Gray/Orange • Gray/Red WeatherProof Wire Connectors	Card of 10 (5 ea.)	30-6162
60®/64®	Gray/Blue • Gray/Dk. Blue UnderGround Wire Connectors	Card of 10 (5 ea.)	30-6064

**1,000V maximum in fixtures and signs.*

IDEAL INDUSTRIES, INC.
1375 Park Avenue, Sycamore, IL 60178, USA / 815-895-5181 • 800-435-0705 in USA
For complete sales office contact information, visit us at: **idealind.com**

Form No. P-2809
©2025 IDEAL INDUSTRIES, INC.
PRINTED IN USA
4/25