

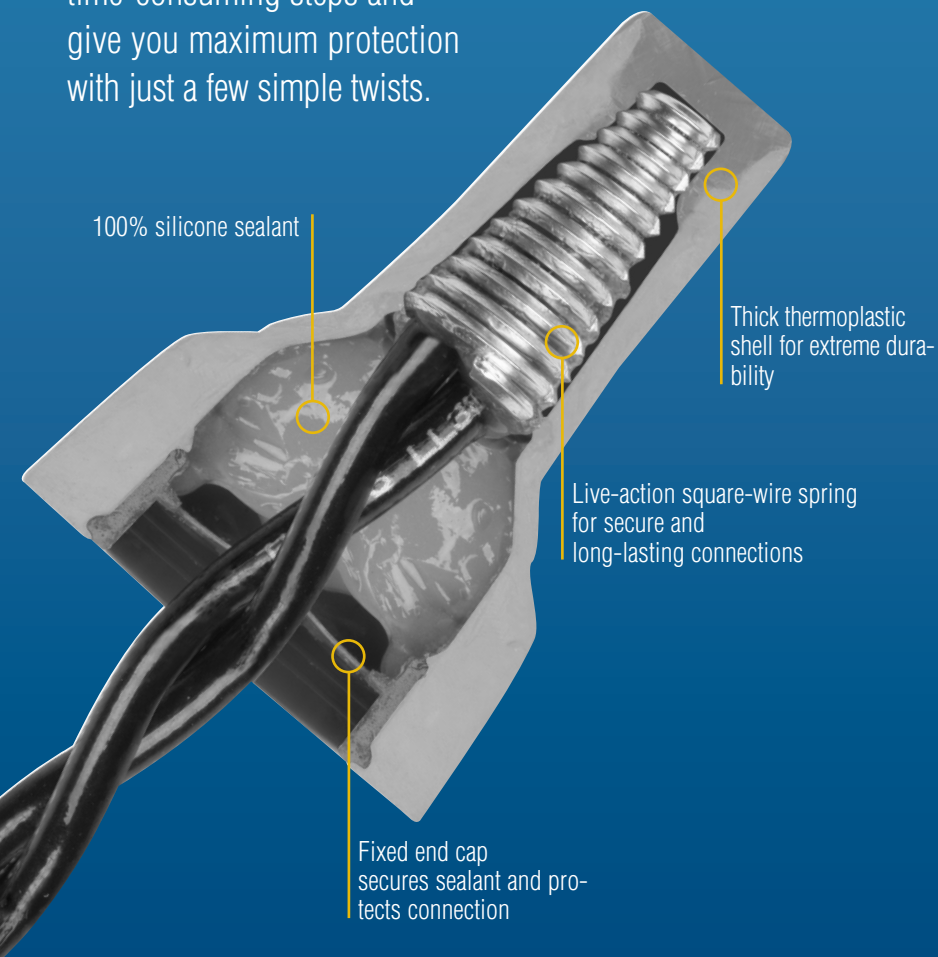
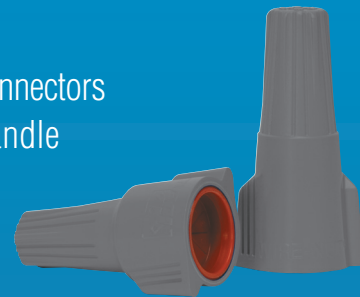
Connected and Protected

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.

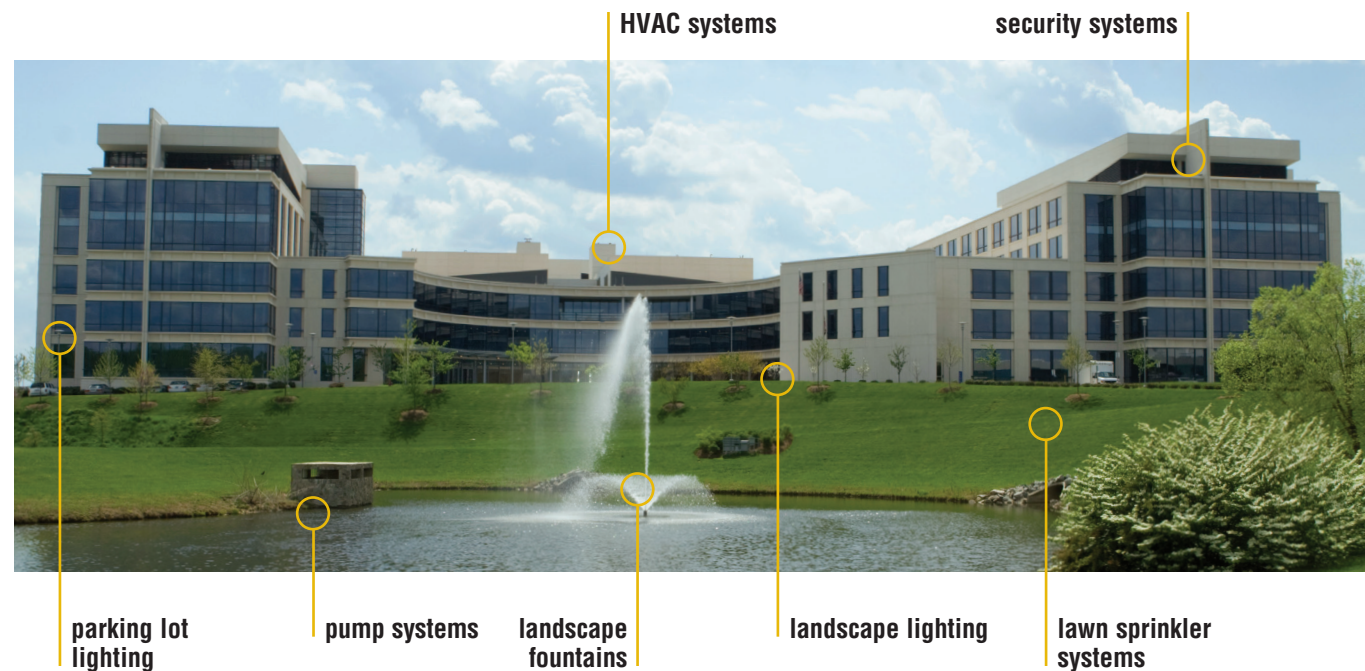
Performance: Each connector is pre-filled with a long-lasting, 100% silicone sealant that protects your electrical connections from the most severe environments.

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.



WeatherProof® and UnderGround® Wire Connectors

Better connections, superior performance in a variety of applications



WeatherProof® Wire Connectors

Model	Quantity	Cat. No.
61®/62®	Asst., Card of 10	30-6162
61® Gray/Orange	Card of 25	30-1161
	Jar of 150	30-1261J
	Carton of 1,000	30-1361
62® Gray/Red	Card of 20	30-1162
	Jar of 100	30-1262J
	Carton of 1,000	30-1362
63® Gray/Dk. Blue	Card of 15	30-1163
	Jar of 50	30-1263J
	Carton of 1,000	30-1363

UnderGround® Wire Connectors

Model	Quantity	Cat. No.
60®/64®	Asst., Card of 10	30-6064
60® Gray/Gray	Card of 25	30-1160
	Carton of 100	30-1260
	Carton of 1,000	30-1360
64® Gray/Dk. Blue	Carton of 50	30-1264
	Carton of 1,000	30-1364
66® Gray/Dk. Blue	Box of 50	30-1066

Model No.	Qty.	Cat. No.
60® Yellow	Box of 25	30-160Y
	Box of 1000	30-360Y
64® Yellow	Box of 25	30-164Y
	Box of 1,000	30-364Y



IDEAL INDUSTRIES, INC.
Becker Place, Sycamore, IL 60178, USA / 815-895-5181 • 800-435-0705 in USA

International offices:
Australia • Brazil • Canada • China • Germany • Mexico • Puerto Rico • UK
For complete sales office contact information, visit us at:
www.idealindustries.com

Rev. 8/13
Form No. P-2809
Printed in USA
©2013 IDEAL INDUSTRIES, INC.



WeatherProof® and UnderGround® Wire Connectors



- Pre-filled with 100% silicone sealant that protects against moisture and corrosion
- Easy installation process saves time and improves productivity
- Thicker thermoplastic shell for extreme durability in harsh environments
- Live-action square-wire spring for secure and long-lasting connections
- Connected and Protected in one easy, time-saving process
- Designed to exceed the rigorous test standards of UL 486D



Complete line handles wire sizes from #22 to #6 AWG copper conductors

WeatherProof®

Interior/Exterior Wire Connectors

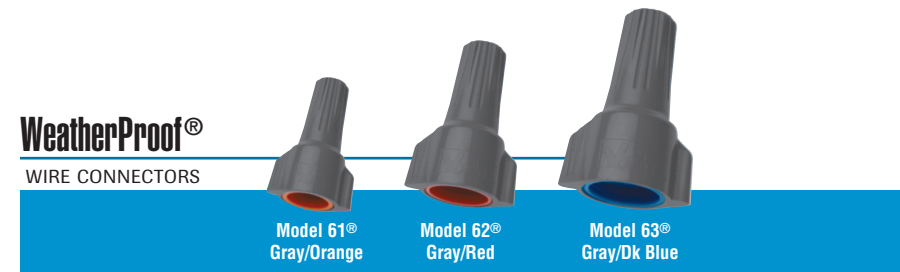
IDEAL WeatherProof® Wire Connectors are designed to excel in above grade, interior/exterior connections exposed to damp/wet and corrosive environments.



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

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

IDEAL WeatherProof® 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.

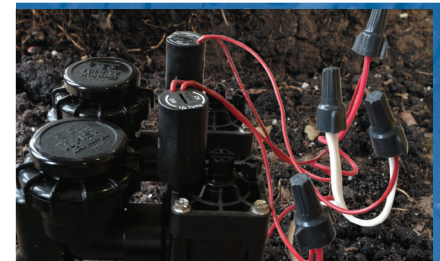


Model	Color	AWG Range	2 #20	2 #18	3 #14	3 #12	4 #12	3 #10	2 #8	5 #10
61®	Gray/Orange	#22-12 AWG	MIN. 2 #20	MAX. 2 #14						
62®	Gray/Red	#18-8 AWG		MIN. 2 #18	MAX. 3 #10					
63®	Gray/Dk Blue	#16-6 AWG			MIN. 3 #14			MAX. 5 #10		

Wire Combinations: 2 #20, 2 #18, 3 #14, 3 #12, 4 #12, 3 #10, 2 #8, 5 #10
UL Listed to 486D, 600 volts max. (1,000 Volts signs and fixtures)



marine shore-power and dock lighting



irrigation and sprinkler systems



car wash controls

- 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

UnderGround®

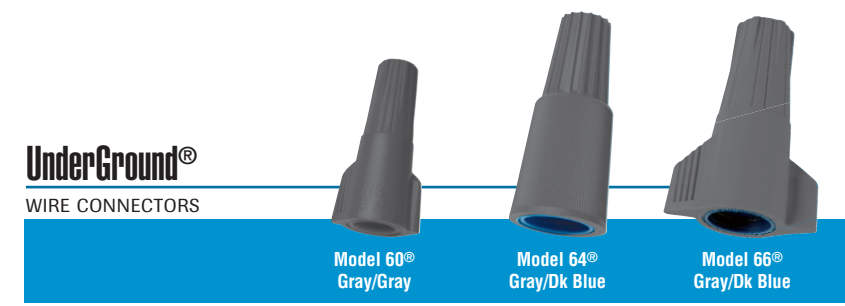
Below Grade/Direct Burial Wire Connectors

IDEAL 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 UL 486D. The easy application process delivers quick, safe and long-lasting connections in harsh wet location and direct burial applications.



Thick thermoplastic shell can take a hit from accidental impacts.



Model	Color	AWG Range	2 #20	2 #18	2 #16	2 #14	1 #10	3 #12	3 #10	2 #6
60®	Gray/Gray	#20-10 AWG	MIN. 1 #20 w/ 1 #18					MAX. 1 #10 w/ 2 #12		
64®	Gray/Dk Blue	#18-8 AWG		MIN. 2 #18 Sol.				MAX. 3 #10		
66®	Gray/Dk Blue	#12-6 AWG						MIN. 3 #12	MAX. 2 #6 w/ 1 #10	

Wire Combinations: 2 #20, 2 #18, 2 #16, 2 #14, 1 #10, 3 #12, 3 #10, 2 #6
UL Listed to 486D, 600 volts max. (1,000 Volts signs and fixtures)



outdoor facility lighting



landscape lighting



traffic signal controls

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

MudBug®

Utility Wire Connectors

The MudBug® connects underground gas tracer lines while providing superior protection. Moisture and corrosion resistant, MudBug® comes pre-filled with non-hardening, 100% silicone to prevent the entrance of water, dirt or other damaging substances.

- #20-8 AWG wire range capacity that easily handles the most common gauges and combinations.
- UL Listed to direct burial test standard 486D up to 600V maximum voltage.



The MudBug® is engineered specifically for the utility industry and provides maximum protection quickly and easily.



Model	Color	AWG Range	2 #20	2 #18	2 #16	2 #14	1 #10	3 #12	3 #10
60®	Yellow	#20-10 AWG	MIN. 1 #20 w/ 1 #18					MAX. 1 #10 w/ 2 #12	
64®	Yellow	#18-8 AWG		MIN. 2 #18 Sol.				MAX. 3 #10	

Wire Combinations: 2 #20, 2 #18, 2 #16, 2 #14, 1 #10, 3 #12, 3 #10
UL Listed to 486D, 600 volts max. (1,000 Volts signs and fixtures)

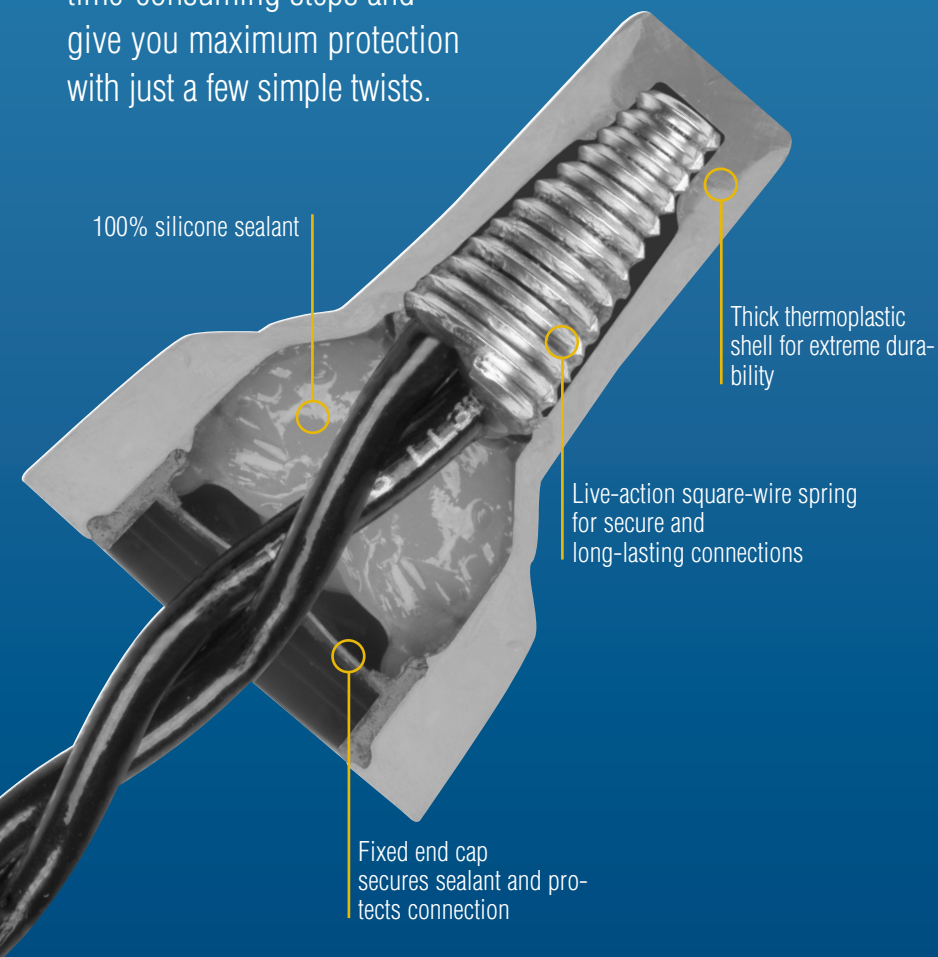
Connected and Protected

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.

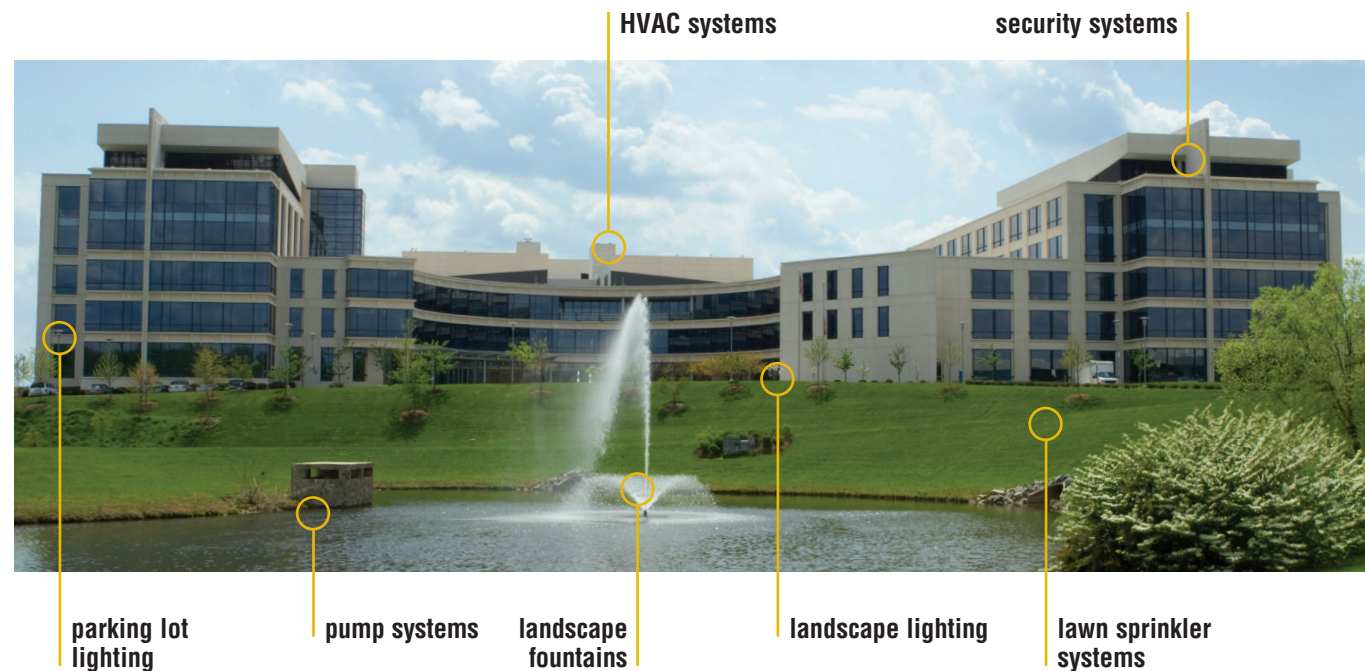
Performance: Each connector is pre-filled with a long-lasting, 100% silicone sealant that protects your electrical connections from the most severe environments.

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.



WeatherProof® and UnderGround® Wire Connectors

Better connections, superior performance in a variety of applications



WeatherProof® Wire Connectors

Model	Quantity	Cat. No.
61®/62®	Asst., Card of 10	30-6162
61® Gray/Orange	Card of 25	30-1161
	Jar of 150	30-1261J
	Carton of 1,000	30-1361
62® Gray/Red	Card of 20	30-1162
	Jar of 100	30-1262J
	Carton of 1,000	30-1362
63® Gray/Dk. Blue	Card of 15	30-1163
	Jar of 50	30-1263J
	Carton of 1,000	30-1363

UnderGround® Wire Connectors

Model	Quantity	Cat. No.
60®/64®	Asst., Card of 10	30-6064
60® Gray/Gray	Card of 25	30-1160
	Carton of 100	30-1260
	Carton of 1,000	30-1360
64® Gray/Dk. Blue	Carton of 50	30-1264
	Carton of 1,000	30-1364
66® Gray/Dk. Blue	Box of 50	30-1066

Model No.	Qty.	Cat. No.
60® Yellow	Box of 25	30-160Y
	Box of 1000	30-360Y
64® Yellow	Box of 25	30-164Y
	Box of 1,000	30-364Y



IDEAL INDUSTRIES, INC.
Becker Place, Sycamore, IL 60178, USA / 815-895-5181 • 800-435-0705 in USA

International offices:
Australia • Brazil • Canada • China • Germany • Mexico • Puerto Rico • UK
For complete sales office contact information, visit us at:
www.idealindustries.com

Rev. 8/13
Form No. P-2809
Printed in USA
©2013 IDEAL INDUSTRIES, INC.



WeatherProof® and UnderGround® Wire Connectors



- Pre-filled with 100% silicone sealant that protects against moisture and corrosion
- Easy installation process saves time and improves productivity
- Thicker thermoplastic shell for extreme durability in harsh environments
- Live-action square-wire spring for secure and long-lasting connections
- Connected and Protected in one easy, time-saving process
- Designed to exceed the rigorous test standards of UL 486D



Complete line handles wire sizes from #22 to #6 AWG copper conductors

WeatherProof® Interior/Exterior Wire Connectors

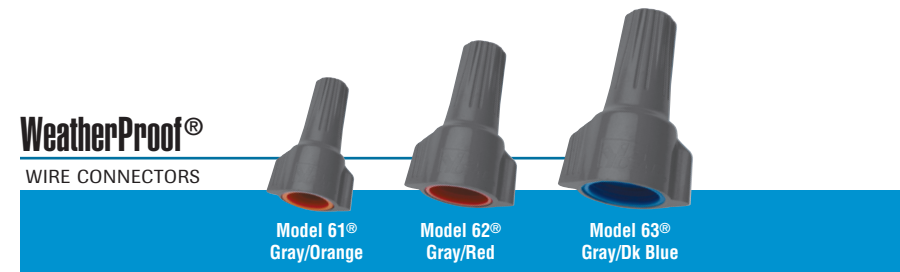
IDEAL WeatherProof® Wire Connectors are designed to excel in above grade, interior/exterior connections exposed to damp/wet and corrosive environments.



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

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

IDEAL WeatherProof® 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.



Model	Color	AWG Range	2 #20	2 #18	3 #14	3 #12	4 #12	3 #10	2 #8	5 #10
61®	Gray/Orange	#22-12 AWG	MIN. 2 #20	MAX. 2 #14						
62®	Gray/Red	#18-8 AWG		MIN. 2 #18	MAX. 3 #10					
63®	Gray/Dk Blue	#16-6 AWG			MIN. 3 #14			MAX. 5 #10		

Wire Combinations: 2 #20 2 #18 3 #14 3 #12 4 #12 3 #10 2 #8 5 #10
UL Listed to 486D, 600 volts max. (1,000 Volts signs and fixtures)



marine shore-power and dock lighting



irrigation and sprinkler systems



car wash controls

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

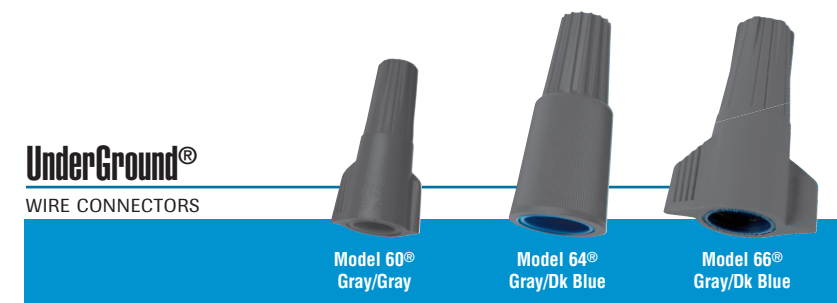
UnderGround® Below Grade/Direct Burial Wire Connectors

IDEAL 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 UL 486D. The easy application process delivers quick, safe and long-lasting connections in harsh wet location and direct burial applications.



Thick thermoplastic shell can take a hit from accidental impacts.



Model	Color	AWG Range	2 #20	2 #18	2 #16	2 #14	1 #10	3 #12	3 #10	2 #6
60®	Gray/Gray	#20-10 AWG	MIN. 1 #20 w/ 1 #18					MAX. 1 #10 w/ 2 #12		
64®	Gray/Dk Blue	#18-8 AWG		MIN. 2 #18 Sol.				MAX. 3 #10		
66®	Gray/Dk Blue	#12-6 AWG						MIN. 3 #12	MAX. 2 #6 w/ 1 #10	

Wire Combinations: 2 #20 2 #18 2 #16 2 #14 1 #10 3 #12 3 #10 2 #6
UL Listed to 486D, 600 volts max. (1,000 Volts signs and fixtures)



outdoor facility lighting



landscape lighting



traffic signal controls

APPLICATIONS

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

MudBug® Utility Wire Connectors

The MudBug® connects underground gas tracer lines while providing superior protection. Moisture and corrosion resistant, MudBug® comes pre-filled with non-hardening, 100% silicone to prevent the entrance of water, dirt or other damaging substances.

- #20-8 AWG wire range capacity that easily handles the most common gauges and combinations.
- UL Listed to direct burial test standard 486D up to 600V maximum voltage.



The MudBug® is engineered specifically for the utility industry and provides maximum protection quickly and easily.



Model	Color	AWG Range	2 #20	2 #18	2 #16	2 #14	1 #10	3 #12	3 #10
60®	Yellow	#20-10 AWG	MIN. 1 #20 w/ 1 #18					MAX. 1 #10 w/ 2 #12	
64®	Yellow	#18-8 AWG		MIN. 2 #18 Sol.				MAX. 3 #10	

Wire Combinations: 2 #20 2 #18 2 #16 2 #14 1 #10 3 #12 3 #10
UL Listed to 486D, 600 volts max. (1,000 Volts signs and fixtures)