

Wire-Nut® Wire Connectors

- Five color-coded models cover wire sizes from 22 to 6 AWG
- Fixed, square-wire spring creates its own threads – maintains a secure positive grip that will not relax over time
- No pre-twisting required – positive grip design provides fast, easy installation
- Deep skirt helps protect against flash-over
- Reusable for easy circuit changes and additions
- Tough, UL94V-2 flame-retardant shell rated at 105°C (221°F)
- UL Listed to 486C and CSA certified to C22.2 #188; comply with Federal Specification W-S-610E



Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
71B®	Gray	300V 22 to 16 AWG Min. 2 #22 – Max. 2 #16	300V ,34mm ² to 1,5mm ² Min. 2-,34mm ² Max. 3-1,5mm ²	Box of 100	30-071
				Carton of 1,000	30-171
				Keg of 25,000 (loose pack)	30-271
				Barrel of 150,000	30-871
72B®	Blue	300V 22 to 14 AWG Min. 2 #22 – Max. 3 #16	300V ,34mm ² to 2,5mm ² Min. 2-,34mm ² Max. 3-1,5mm ²	Box of 100	30-072
				Carton of 1,000	30-172
				Keg of 10,000 (loose pack)	30-272
				Barrel of 85,000	30-872
73B®	Orange	600V* 22 to 14 AWG Min. 1 #18 & 2 #20 Max. 2 #14	600V* ,34mm ² to 2,5mm ² Min. 1-,75mm ² w/1-,50mm ² Max. 4-1,5mm ² w/1-,50mm ²	Box of 100	30-073
				Jar of 300	30-073J
				Carton of 1,000	30-173
				Keg of 5,000 (10 bags, 500 ea.)	30-273
74B®	Yellow	600V* 18 to 12 AWG Min. 2 #18 Max. 4 #14 & 1 #18	600V* ,75mm ² to 4,0mm ² Min. 2-,75mm ² Max. 4-2,5mm ² w/1-,75mm ²	Keg of 10,000 (loose pack)	30-673
				Barrel of 50,000	30-873
				Box of 100	30-074
				Jar of 175	30-074J
76B®	Red	600V* 18 to 6 AWG Min. 2 #14 Max. 4 #12	600V* ,75mm ² to 16,0mm ² Min. 2-2,5mm ² Max. 2-4,0mm ²	Carton of 1,000	30-174
				Keg of 5,000 (10 bags, 500 ea.)	30-274
				Keg of 10,000 (loose pack)	30-674
				Barrel of 35,000	30-874
				Box of 100	30-076
				Jar of 150	30-076J
				Carton of 1,000	30-176
				Keg of 2,500 (10 bags, 250 ea.)	30-276
				Barrel of 15,000	30-876

*1,000V maximum in fixtures and signs



High Temperature Wire-Nut® Wire Connectors

All of the Wire-Nut® Wire Connector features plus:

- Black, thermoplastic shell designed to withstand extreme heat build-up found in high-wattage light fixtures and signs. UL Listed to 150°C (302°F)
- Four models to cover wire ranges from 22 to 12 AWG



Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
71B®	Black	300V 22 to 16 AWG Min. 2 #22 Str Max. 2 #16	300V ,34mm ² to 1,5mm ² Min. 2-,34mm ² Max. 2-1,5mm ²	Box of 100	30-3627
				Carton of 1,000	30-151
				Keg of 25,000 (loose pack)	30-251
				Barrel of 150,000	30-801
72B®	Black	300V 22 to 14 AWG Min. 2 #22 Max. 3 #16	300V ,34mm ² to 2,5mm ² Min. 2-,34mm ² Max. 3-1,5mm ²	Box of 100	30-3628
				Carton of 1,000	30-152
				Keg of 10,000 (loose pack)	30-252
				Barrel of 85,000	30-802
73B®	Black	600V* 22 to 14 AWG Min. 1 #18 w/1 #20 Max. 4 #16 & 1 #20	600V* ,34mm ² to 2,5mm ² Min. 1-,75mm ² w/1-,50mm ² Max. 4-1,5mm ² w/1-,50mm ²	Box of 100	30-3629
				Carton of 1,000	30-153
				Keg of 10,000 (loose pack)	30-253
				Barrel of 50,000	30-803
59B®	Black	600V* 22 to 12 AWG Min. 2 #20 Max. 3 #14	600V* ,34mm ² to 4,0mm ² Min. 2-,5mm ² Max. 3-2,5mm ²	Box of 100	30-059
				Carton of 1,000	30-159
				Keg of 5,000 (loose pack)	30-259
				Barrel of 35,000	30-809


*1,000V maximum in fixtures and signs



Wing-Nut® Wire Connectors

- Three color-coded models cover a full range of wire sizes from 18 to 6 AWG
- Specially designed contoured wings provide a secure grip for extra leverage on maximum wire combinations
- Live-action spring expands to accept wire shape and size with no pre-twisting required
- Square-wire spring threads directly onto conductors for fast, secure connections
- Deep skirt helps protect against flash-over and turned-back strands for maximum dielectric protection
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- UL Listed to 486C and CSA Certified to C22.2 #188; comply with Federal Specification W-S-610E



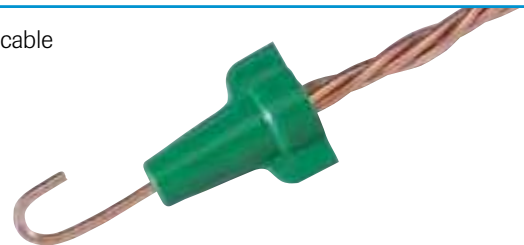
Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
451®	Yellow	600V* 18 to 10 AWG Min. 2 #18 Max. 3 #12	600V* ,75mm ² to 6,0mm ² Min. 2-,75mm ² Max. 3-4,0mm ²	Box of 100	30-451
				Jar of 225	30-451J
				Jar of 500	30-651J
				Carton of 1,000	30-551
				Keg of 5,000 (10 bags, 500 ea.)	30-651
				Barrel of 35,000	30-851
452®		600V* 18 to 8 AWG Min. 2 #18 Max. 4 #10	600V* ,75mm ² to 10,0mm ² Min. 2-,75mm ² Max. 4-6,0mm ²	Box of 100	30-452
				Jar of 300	30-452J
				Jar of 500	30-652J
				Carton of 1,000	30-552
				Keg of 5,000 (10 bags, 500 ea.)	30-652
				Barrel of 25,000	30-852
454®	Blue	600V* 14 to 6 AWG Min. 3 #12 Max. 1 #6 & 2 #8	600V* 2,5mm ² to 16,0mm ² Min. 3-4,0mm ² Max. 2-16,0mm ² w/1-4,0mm ²	Box of 25	30-454
				Carton of 250	30-554
				Keg of 1,000 (10 bags, 100 ea.)	30-654
				Barrel of 10,000	30-854

*1,000V maximum in fixtures and signs



Greenie® Grounding Wire Connectors

- Designed for making ground connections and bonding non-metallic sheathed cable
- Contoured wings for maximum leverage
- Live-action, square-wire spring provides superior grounding connections
- Tough, UL 94V-2 flame-retardant shell
- UL Listed to 467 and CSA Certified to C22.2 #188; comply with Federal Specification W-S-610E



Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
92®	Green	14 to 10 Min. 2 #14 Max. 4 #12	2,5mm ² to 6,0mm ² Min. 2-2,5mm ² Max. 2-4,0mm ² w/1-2,5mm ²	Box of 100	30-092
				Jar of 150	30-092J
				Carton of 1,000	30-192
				Keg of 5,000 (10 bags, 500 ea.)	30-292
				Barrel of 25,000	30-992

Greenie® Grounding Connector fully meets the intent of the N.E.C. and specifically aids in compliance with the following:

ARTICLE 250: GROUNDING

- 250-146 Connecting Receptacle Grounding Terminal to Box
- 250-148 Continuity and Attachment of Equipment Grounding Conductors to Boxes
 - (B) Grounding continuity
 - (D) Nonmetallic boxes



Twister® Wire Connectors

- Exceptional wire-range capacity – three models handle wire combinations from as small as 22 AWG to as large as 6 AWG
- Ribbed cap provides a secure grip and fast fingertip starts
- Swept wings offer extra leverage and less effort for large wire combinations
- Hexagonal shape accommodates standard nutdriver for tool installation
- Live-action, square-wire spring locks onto wire for safe, secure connections
- Deep skirt helps protect against flash-over and turned-back strands for maximum dielectric protection
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- UL Listed to 486C and CSA Certified to C22.2 #188; comply with Federal Specification W-S-610E



Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
340®	Lt. Blue	600V* 22 to 10 AWG Min. 2 #22 Max. 3 #12	600V* ,34mm ² to 4,0mm ² Min. 2-,34mm ² Max. 3-4,0mm ²	Box of 100	30-340
				Jar of 500	30-640J
				Barrel of 35,000	30-840
341®	Tan	600V* 22 to 8 AWG Min. 3 #22 Max. 3 #10	600V* ,34mm ² to 10,0mm ² Min. 3-,34mm ² Max. 3-6,0mm ²	Box of 100	30-341
				Jar of 400	30-441J
				Jar of 750	30-341J
				Carton of 1,000	30-541
				Keg of 5,000 (10 bags, 500 ea.)	30-641
342®	Gray	600V* 18 to 6 AWG Min. 3 #14 Max. 2 #8 w/2 #12	600V* ,75mm ² to 10,0mm ² Min. 3-2,5mm ² Max. 2-10,0mm ² w/2-4,0mm ²	Barrel of 25,000	30-841
				Box of 50	30-342
				Keg of 2,500 (10 bags, 250 ea.)	30-642
				Barrel of 15,000	30-842


*1,000V maximum in fixtures and signs



Twister® Wire Connectors PRO

- The **widest red/yellow wire range** in the industry; min. 2 #18 to max. 4 #10
- SureGrip™ overmolding provides better grip for improved leverage, more torque and faster connections
- Comfortable swept wings designed to help reduce hand fatigue
- Expanding square-wire spring provides a secure connection every time
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- UL Listed to 486C and CSA Certified to C22.2 #188; comply with Federal Specification W-S-610E



Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
344®	Red/Yellow 	600V* 22 to 8 AWG Min. 2 #18 Max. 4 #10	600V* ,34mm ² to 10,0mm ² Min. 2-,75mm ² Max. 4,0-6,0mm ²	Box of 50	30-144
				Jar of 250	30-244J
				Jar of 500	30-644J
				Barrel of 20,000	30-944

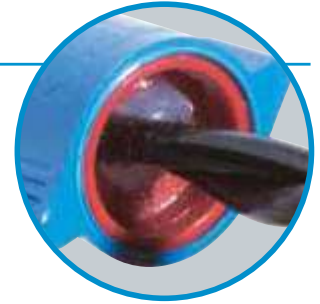
*1,000V maximum in fixtures and signs



WeatherProof™ and UnderGround™ Wire Connectors

- Silicone-based sealant protects against moisture and corrosion
- UL Listed to 486D for use in damp/wet locations or direct burial
- Easy to apply, pre-filled twist-on wire connectors
- Handles wire sizes from #22 to #6 copper conductors
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- UL Listed to 486C and CSA Certified to C22.2 #188; comply with Federal Specification W-S-610E

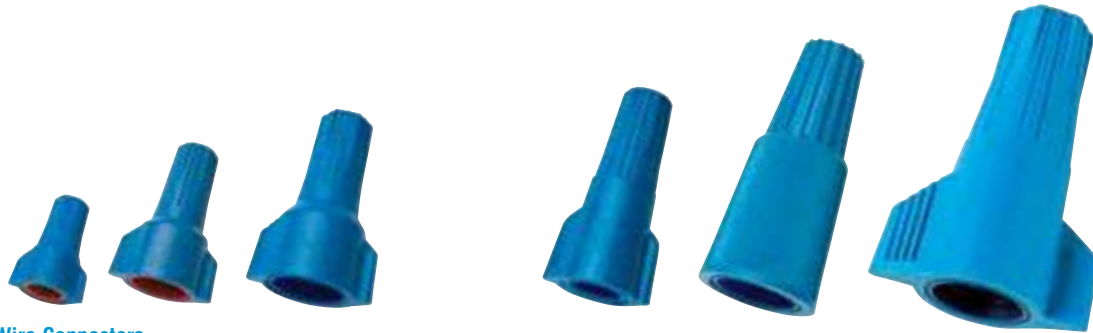
The silicone-based sealant protects electrical connections against harsh conditions, eliminating the need for heat-shrink or excessive taping.



Wire Connectors

WeatherProof™ – suitable for interior and exterior electrical connections exposed to rain or damp conditions.

UnderGround™ – suitable for use in a wide variety of direct burial and wet location electrical connections.



WeatherProof™ Wire Connectors

Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
61	Blue/Orange	600V* 22 to 14 AWG Min. 2 #20 Max. 2 #14	600V* ,34mm ² to 4,0mm ² Min. 2-,5mm ² Max. 2-2,5mm ²	Card of 6	30-061
				Card of 25	30-161
				Box of 100	30-261
				Box of 1,000	30-361
62	Blue/Red	600V* 18 to 8 AWG Min. 2 #18 Max. 3 #10	600V* ,75mm ² to 10,0mm ² Min. 2-,75mm ² Max. 3-6,0mm ²	Card of 5	30-062
				Card of 20	30-162
				Box of 100	30-262
				Box of 1,000	30-362
63	Blue/Dr. Blue	600V* 16 to 6 AWG Min. 2 #14 Max. 2 #8 & 1 #10	600V* 1,5mm ² to 16,0mm ² Min. 2-2,5mm ² Max. 2-10,0mm ² w/1-6,0mm ²	Card of 3	30-063
				Card of 15	30-163
				Box of 100	30-263
				Box of 1,000	30-363



UnderGround™ Wire Connectors

Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
60	Blue/Blue	600V* 20 to 10 AWG Min. 1 #20 w/1 #18 Max. 1 #10 & 2 #12	600V* ,5mm ² to 6,0mm ² Min. 1-,5mm ² w/1,75mm ² Max. 1-6,0mm ² w/2-4,0mm ²	Card of 2	30-060
				Card of 10	30-760
				Box of 25	30-160
				Box of 100	30-260
64	Blue/Dk. Blue	600V* 18 to 8 AWG Min. 2 #18 Max. 3 #10	600V* ,75mm ² to 10,0mm ² Min. 2-,75mm ² Max. 3-6,0mm ²	Box of 1,000	30-360
				Card of 2	30-064
				Card of 10	30-764
				Box of 50	30-264
66	Blue/Dk. Blue	600V* 14 to 6 AWG Min. 3 #12 Max. 2 #6 w/1 #10	600V* 2,5mm ² to 16,0mm ² Min. 3 - 4,0mm ² Max. 2 - 16,0mm ² w/1-6,0mm ²	Box of 1,000	30-364
				Card of 2	30-066
				Card of 6	30-766
				Box of 50	30-266





Utility Wire Connectors



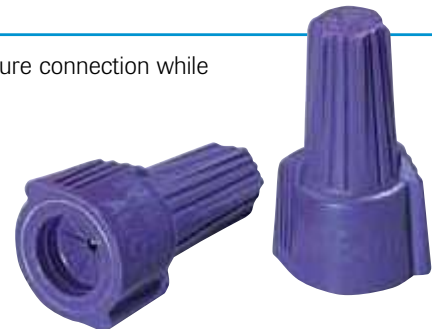
- Connects underground gas tracer lines providing superior protection
- Moisture and corrosion resistant, pre-filled with non-hardening, 100% silicone
- #20 - 8 AWG wire range capacity
- UL Listed to direct burial test standard 486D up to 600V maximum voltage

Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
60	Yellow	600V* 20 to 10 AWG Min. 1 #20 w/1 #18 Max. 1 #10 & 2 #12	600V* ,5mm ² to 6,0mm ² Min. 1-,5mm ² w/1 ,75mm ² Max. 1-6,0mm ² w/2-4,0mm ²	Box of 25	30-160Y
				Box of 1,000	30-360Y
64	Yellow	600V* 18 to 8 AWG Min. 2 #18 Max. 3 #10	600V* ,75mm ² to 10,0mm ² Min. 2-,75mm ² Max. 3-6,0mm ²	Box of 25	30-164Y
				Box of 1,000	30-364Y



Twister® Al/Cu Wire Connectors

- Only aluminum-to-copper twist-on connector specifically designed to guarantee a secure connection while preventing aluminum corrosion
- Specially formulated corrosion-resistant compound penetrates corrosion build-up on aluminum conductors for increased conductivity and cooler connections
- Compact, one-piece design features ribbed cap, swept wings and hexagonal head for easy installation by hand or with standard nutdriver
- Live-action, square-wire spring expands and contracts with aluminum wire
- Deep skirt provides maximum dielectric strength
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- Comply with N.E.C. Section #110-14(b) for aluminum-to-copper connections; UL Listed to 486C and CSA Certified to C22.2 #188; complies with Federal Specification W-S-610E
- UL Listed to 467 for grounding and bonding



Model	Color	Wire Combination Ranges	Quantity	Cat. No.
65	Purple	1 #10 Al solid w/1 or 2 #10 Cu solid 1 #10 Al w/1 or 2 #12 Cu 2 #10 Al solid w/1 #12 Cu 1 #10 Al w/1 or 2 #14 Cu 2 #10 Al solid w/1 #14 Cu 2 #12 Al solid w/1 #10 Cu 1 #12 Al solid w/1 or 2 #10 Cu 1 #12 Al stranded w/1 or 2 #10 Cu solid 1 #12 Al w/1 or 2 #12 Cu 2 #12 Al solid w/1 #12 Cu	Card of 2	30-065
			Card of 10	30-765
			Card of 25	30-165
			Box of 100	30-265
			Carton of 1,000	30-365

600V maximum building wire; 1,000V signs or light fixtures

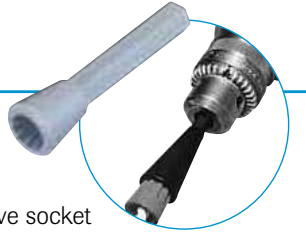
WARNING:

1. One time use only. Do not reuse connector.
2. Do not use on aluminum to aluminum wire combinations.
3. Wiring must comply with all applicable electrical codes.
4. Contact IDEAL or visit IDEAL website for a complete list of UL Listed wire combinations.



Wire-Nut® Wire Connector Sockets

- Speeds installation of Wire-Nut® Wire Connectors
- Fit any pneumatic or electric tool with a 1/4 in. chuck or drive socket



For Connector Models	Cat. No.
71B®, 71B® Black, 72B® & 72B® Black	30-903
73B® & 73B® Black	30-904
59B®	30-905
74B®, 76B® & 59B®	30-906

Wire-Nut® Wire Connector Wrench

- Speeds installation of Wire-Nut® Wire Connectors
- Excellent leverage helps reduce fatigue



For Connector Models	Cat. No.
73B®, 74B® & 76B®	H-632

Spin-Twist® Wire Connector Socket

- Speeds installation of IDEAL and BUCHANAN Wire Connectors
- For use with electric corded or cordless drill drivers
- 1/4 in. chuck fits most drills or drive sockets



For Connector Models	Cat. No.
Wire-Nut®, Wing-Nut®, Twister®, B-CAP® & WingTwist™	30-902

7-in-1 Twist-a-Nut™ Screwdriver

- Facilitates installation of connectors
- Universal Wire-Nut® Wire Connector Wrench in handle
- Accepts most twist-on connectors



Description	Cat. No.
7-in-1 Twist-a-Nut™ Screwdriver	35-908

9-in-1 Ratch-a-Nut™ Screwdriver

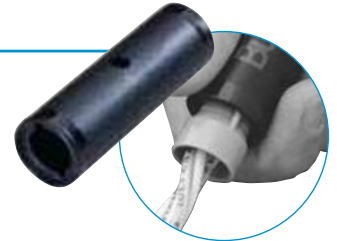
- Ratcheting wire connector wrench speeds installation of wire connectors
- Premium screwdriver ratchet mechanism can handle high torque without fatigue



Description	Cat. No.
9-in-1 Ratch-a-Nut™ Screwdriver	35-988

Ratch Wrench

- Speeds installation of B-CAP® Wire Connectors
- Either end accepts 1/4-in. drive for tight-spot wire splicing



For Connector Models	Cat. No.
B1, B2 & B4	BR-5

High-Speed Wire Connector Chuck

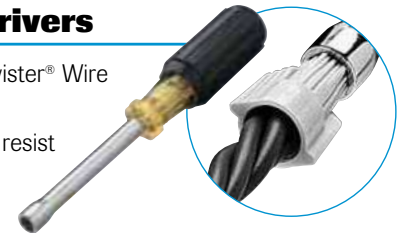
- Cordless screwdriver adapter for installing B-CAP® Wire Connectors



For Connector Models	Cat. No.
B1, B2 & B4	HSC-1

Nutmaster® Nutdrivers

- Speeds installation of Twister® Wire Connectors
- Nickel/chrome plated to resist rust and corrosion
- Cushioned rubber grip



For Connector Models	Cat. No.
341®, 5/16 in. Driver	35-292
342®, 7/16 in. Driver	35-295

Twist-a-Nut™ Pro Electrician's Screwdrivers





- Convenient Wire-Nut® Wrench in end of handle
- Wire-looping hole in handle
- Vapor-blasted tip prevents plate chipping
- Tough, chrome vanadium steel shank
- Precision ground tip provides secure fit in screw slot




For Connector Models	Cat. No.
#2 x 6 Robertson	30-330
1/4 in. x 4 in. Slotted	30-331
#2 x 4 in. Phillips	30-332
1/4 in. x 6 in. Slotted Cabinet Tip	30-333

Ordering Guide





Twister® Wire Connectors

Model	Quantity	Cat. No.
 340° Lt. Blue	Box of 100	30-340
	Jar of 500	30-640J
	Barrel of 35,000	30-840
 341° Tan	Box of 100	30-341
	Jar of 400	30-441J
	Jar of 750	30-341J
	Keg of 5,000 (10 bags, 500 ea.)	30-641
 342° Gray	Box of 50	30-342
	Keg of 2,500 (10 bags, 250 ea.)	30-642
 344° Red/Yellow	Box of 50	30-144
	Jar of 250	30-244J
	Jar of 500	30-644J
	Barrel of 20,000	30-944





Twister® Al/Cu Wire Connectors

Model	Quantity	Cat. No.
 65 Purple	Card of 2	30-065
	Card of 10	30-765
	Card of 25	30-165
	Box of 100	30-265
	Carton of 1,000	30-365




Wire-Nut® Wire Connectors

Model	Quantity	Cat. No.
 71B° Gray	Box of 100	30-071
	Keg of 25,000 (loose pack)	30-271
	Barrel of 150,000	30-871
 72B° Blue	Box of 100	30-072
	Keg of 10,000 (loose pack)	30-272
 73B° Orange	Box of 100	30-073
	Jar of 300	30-073J
 74B° Yellow	Keg of 5,000 (10 bags, 500 ea.)	30-273
	Barrel of 50,000	30-873
	Box of 100	30-074
 76B° Red	Jar of 175	30-074J
	Keg of 5,000 (10 bags, 500 ea.)	30-274
	Barrel of 35,000	30-874
	Box of 100	30-076
 76B° Red	Keg of 2,500 (10 bags, 250 ea.)	30-276
	Barrel of 15,000	30-876


Wing-Nut® Wire Connectors

Model	Quantity	Cat. No.
 451° Yellow	Box of 100	30-451
	Jar of 225	30-451J
	Jar of 500	30-651J
	Keg of 5,000 (10 bags, 500 ea.)	30-651
	Barrel of 35,000	30-851
 452° Red	Box of 100	30-452
	Jar of 300	30-452J
	Jar of 500	30-652J
	Keg of 5,000 (10 bags, 500 ea.)	30-652
 454° Blue	Barrel of 25,000	30-852
	Box of 25	30-454
 454° Blue	Keg of 1,000 (10 bags, 100 ea.)	30-654

B-CAP® Wire Connectors

Model	Quantity	Cat. No.
 B1 Yellow	Box of 100	B1-1
	Jar of 250	B1-250JR
	Jar of 500	B1-500JR
	Keg of 5,000 (10 bags, 500 ea.)	B1-B
	Barrel of 25,000	B1-SK
 B2 Red	Box of 100	B2-1
	Jar of 350	B2-350JR
	Jar of 500	B2-500JR
	Keg of 5,000 (10 bags, 500 ea.)	B2-B
 B4 Blue	Barrel of 25,000	B2-SK
	Box of 25	B4-1
	Keg of 2,500 (10 bags, 250 ea.)	B4-B






B-Twist™ Wire Connectors

Model	Quantity	Cat. No.
 BT2™ Red	Box of 100	BT2-1
	Jar of 500	BT2-500JR
	Barrel of 25,000	BT2-SK

WingTwist™ Wire Connectors

Model	Quantity	Cat. No.
 WT51 Yellow	Box of 100	WT51-1
	Bag of 500	WT51-B
	Jar of 500	WT51-500JR
	Barrel of 25,000	WT51-SK
 WT41 Tan	Box of 100	WT41-1
	Bag of 500	WT41-B
	Jar of 500	WT41-500JR
	Barrel of 25,000	WT41-SK
 WT52 Red	Box of 100	WT52-1
	Bag of 500	WT52-B
	Jar of 500	WT52-500JR
 WT54 Blue	Barrel of 25,000	WT52-SK
	Box of 50	WT54-1
 WT54 Blue	Bag of 100	WT54-B

WireTwist™ Wire Connectors

Model	Quantity	Cat. No.
 WT1 Gray	Box of 100	WT1-1
	Keg of 10,000 (20 bags, 500 ea.)	WT1-B
	Keg of 50,000	WT1-SK
 WT2 Blue	Box of 100	WT2-1
	Keg of 10,000 (20 bags, 500 ea.)	WT2-B
	Keg of 50,000	WT2-SK
 WT3 Orange	Box of 100	WT3-1
	Keg of 10,000 (20 bags, 500 ea.)	WT3-B
	Barrel of 50,000	WT3-SK
 WT4 Yellow	Box of 100	WT4-1
	Keg of 10,000 (20 bags, 500 ea.)	WT4-B
	Barrel of 25,000	WT4-SK
 WT6 Red	Box of 100	WT6-1
	Keg of 5,000 (20 bags, 250 ea.)	WT6-B
	Barrel of 25,000	WT6-SK

Other package configurations available.
Please contact IDEAL or your local
IDEAL distributor for more information.