



Wire Range Chart

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| Model | Wire Combinations | | | | | | | | | | | | | | | | | |
|----------------------|-------------------|-------|-------|--------------------|-----------------|------------|------------|------------|--------------------|--------------------|-------|------------|-------------------|-------|------------------|-------|------|--|
| | 2 #22 | 3 #22 | 2 #20 | 3 #20 | 2 #18 | 2 #16 | 3 #16 | 2 #14 | 3 #14 | 2 #12 | 4 #14 | 3 #12 | 4 #12 | 3 #10 | 5 #12 | 4 #10 | 2 #6 | |
| Twister® | | | | | | | | | | | | | | | | | | |
| 340™ Orange | Min. 2 #22 | | | | | | | | | | | Max. 3 #12 | | | | | | |
| 341™ Tan | Min. 3 #22 | | | | | | | | | | | Max. 3 #10 | | | | | | |
| 344™ Red/Yellow | | | | | Min. 2 #18 | | | | | | | | Max. 4 #10 | | | | | |
| 342™ Gray | | | | | | | | | | Min. 3 #14 | | | Max. 2 #8 w/2 #12 | | | | | |
| Wire-Nut® | | | | | | | | | | | | | | | | | | |
| 71B® Gray (300V) | Min. 2 #22 Str. | | | | Max. 2 #16 | | | | | | | | | | | | | |
| 72B® Blue (300V) | Min. 2 #22 | | | | | | Max. 3 #16 | | | | | | | | | | | |
| 73B® Orange | | | | Min. 1 #18 w/1 #20 | | | | Max. 2 #14 | | | | | | | | | | |
| 74B® Yellow | | | | | Min. 2 #18 | | | | Max. 4 #14 w/1 #18 | | | | | | | | | |
| 76B® Red | | | | | | | | | | Min. 2 #14 | | | Max. 4 #12 | | | | | |
| Wing-Nut® | | | | | | | | | | | | | | | | | | |
| 451® Yellow | | | | | Min. 2 #18 | | | | | Max. 3 #12 | | | | | | | | |
| 452® Red | | | | | Min. 2 #18 | | | | | | | | Max. 4 #10 | | | | | |
| 454® Blue | | | | | | | | | | | | | Min. 3 #12 | | Max. 1 #6 w/2 #8 | | | |
| B-CAP® | | | | | | | | | | | | | | | | | | |
| B1 Yellow | | | | Min. 3 #20 | | | | | Max. 3 #12 | | | | | | | | | |
| B2 Red | | | | | Min. 2 #18 | | | | | | | | Max. 5 #12 | | | | | |
| B4 Blue/Gray | | | | | | | | | | Min. 2 #12 | | | Max. 2 #6 Str. | | | | | |
| B-Twist™ | | | | | | | | | | | | | | | | | | |
| BT2™ Red | | | | | Min. 2 #18 | | | | | | | | Max. 2 #8 | | | | | |
| WingTwist™ | | | | | | | | | | | | | | | | | | |
| WT51 Yellow | | | | | Min. 2 #18 | | | | | Max. 3 #12 | | | | | | | | |
| WT41 Tan | | | | Min. 2 #20 | | | | | | | | | Max. 3 #10 | | | | | |
| WT52 Red | | | | | | | | | | Min. 2 #14 | | | Max. 5 #12 | | | | | |
| WT54 Blue | | | | | | | | | | | | | Min. 3 #12 | | Max. 2 #6 | | | |
| WireTwist™ | | | | | | | | | | | | | | | | | | |
| WT1 Gray (300V) | | | | Min. 3 #22 | | Max. 2 #16 | | | | | | | | | | | | |
| WT2 Blue (300V) | | | | | Min. 3 #20 | | | Max. 3 #16 | | | | | | | | | | |
| WT3 Orange | | | | | Min. 2 #18 | | | | Max. 2 #14 | | | | | | | | | |
| WT4 Yellow | | | | | Min. 2 #18 | | | | Max. 2 #12 | | | | | | | | | |
| WT6 Red | | | | | | | | | | Min. 2 #14 | | | Max. 4 #12 | | | | | |
| WeatherProof™ | | | | | | | | | | | | | | | | | | |
| 61® Gray/Orange | | | | Min. 2 #20 | | | Max. 2 #14 | | | | | | | | | | | |
| 62® Gray/Red | | | | | Min. 3 #18 | | | | Max. 2 #10 w/1 #14 | | | | | | | | | |
| 63® Gray/Dark Blue | | | | | | | | | | Min. 3 #14 | | | Max. 5 #10 | | | | | |
| UnderGround™ | | | | | | | | | | | | | | | | | | |
| 60® Gray/Orange | | | | Min. 1 #20 w/1 #18 | | | | | | Max. 1 #10 w/2 #12 | | | | | | | | |
| 64® Gray/Red | | | | | Min. 2 #18 Sol. | | | | | | | | | | | | | |
| 66™ Gray/Dark Blue | | | | | | | | | | Min. 3 #12 | | | Max. 2 #6 w/1 #10 | | | | | |

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Application Guide

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| | | Residential | | | | | | | Commercial | | | | | | | | | | |
|----------------------|--|--------------------|-----------------------|-----------------------|---------------------|------------------------|------------------|--------------------|-------------------------|-----------------|-------------------------|------------------|-------------------|-----------------------------|------------|-------------------|-----------------|----------------|------|
| | | Light Switches | Receptacles | Ceiling Fans | Can Lights | Thermostat Controls | HVAC | Smoke/CO Detectors | Garage Door Openers | Door Bells | Multi-Gang Switch Boxes | Security Systems | Intercoms | Recessed Lighting | Controls | Illuminate Signs | Receptacles | 3-Phase Motors | HVAC |
| Twister® | | | | | | | | | | | | | | | | | | | |
| 340™ Orange | | • | • | • | • | • | • | • | • | | • | • | • | • | | | | | |
| 341™ Tan | | • | • | | | | | • | | | • | • | • | • | | | | | • |
| 344™ Red/Yellow | | • | • | | | | | • | • | | • | • | | | • | • | • | • | • |
| 342™ Gray | | | | | | | | | | | • | | | | • | • | | • | • |
| Wire-Nut® | | | | | | | | | | | | | | | | | | | |
| 71™ Gray | | | | | | | • | | | | | • | • | | | | | | |
| 72™ Blue | | | | | | • | • | | | • | | • | • | | | | | | |
| 73™ Orange | | | | • | • | | | • | | • | | • | • | | | | | | |
| 74™ Yellow | | • | | • | • | | | • | | | | | • | • | | | | | |
| 76™ Red | | • | • | | | | | • | | • | | | | • | • | • | • | • | • |
| Wing-Nut® | | | | | | | | | | | | | | | | | | | |
| 451™ Yellow | | • | • | • | • | | | • | | • | | | • | | | | | | |
| 452™ Red | | • | • | | | | | • | • | | | | | | • | • | • | • | • |
| 454™ Blue | | | | | | | | | | • | | | | | • | • | • | • | • |
| B-CAP® | | | | | | | | | | | | | | | | | | | |
| B1 Yellow | | • | | • | • | | | • | | | • | • | • | | | | | | |
| B2 Red | | • | • | | | | | • | • | | | | | • | • | • | • | • | • |
| B4 Blue | | | | | | | | | | • | | | | | • | • | • | • | • |
| B-Twist™ | | | | | | | | | | | | | | | | | | | |
| BT2™ Red | | • | • | | | | • | | • | | • | | | | • | • | • | • | • |
| WingTwist™ | | | | | | | | | | | | | | | | | | | |
| WT51 Yellow | | • | • | • | • | | | • | | • | | • | • | • | | | | | |
| WT41 Tan | | • | • | | | | | • | | | | • | • | | • | • | • | • | • |
| WT52 Red | | • | • | | | | | • | • | | | | | • | • | • | • | • | • |
| WT54 Blue | | | | | | | | | | • | | | | | • | • | • | • | • |
| WireTwist™ | | | | | | | | | | | | | | | | | | | |
| WT1 Gray | | | | | | | • | | | | | • | • | | | | | | |
| WT2 Blue | | | | | | | • | | | • | | • | • | | | | | | |
| WT3 Orange | | | | • | • | | | • | | | | • | • | • | | | | | |
| WT4 Yellow | | • | | • | • | | | • | | • | | | | • | • | | | | |
| WT6 Red | | • | • | | | | | • | | • | | | | • | • | • | • | • | • |
| | | Landscape Lighting | Pool Filters/Controls | Outdoor Power Outlets | Patio/Deck Lighting | Bathroom/Spa Vent Fans | Security Systems | Basement Garage | Lawn-Sprinkler Controls | Sump/Well Pumps | Landscape Lighting | Security Systems | Exterior Lighting | Street/Parking Lot Lighting | Car Washes | Processing Plants | Traffic Signals | Ejection Pumps | HVAC |
| WeatherProof™ | | | | | | | | | | | | | | | | | | | |
| 61™ Gray/Orange | | | | | | • | • | | • | | | • | | | • | • | • | • | • |
| 62™ Gray/Red | | | • | • | • | | | • | | • | | | • | | • | • | • | • | • |
| 63™ Gray/Dk. Blue | | | • | • | • | | | • | | • | | | • | | • | • | • | • | • |
| UnderGround™ | | | | | | | | | | | | | | | | | | | |
| 60™ Gray/Blue | | • | | | • | | | | • | • | • | • | | • | | | • | • | • |
| 64™ Gray/Dk. Blue | | • | | | • | | | | • | • | • | • | | • | | | • | • | • |
| 66™ Gray/Dk. Blue | | | | | | | | | | | | | | • | | | • | • | • |