



Twist-On Wire Connectors

Connectors create semipermanent connections between two or more wires without the need for crimping or soldering tools. Also known as wire nuts, they install by hand and are used in applications to extend or terminate electrical and ground connections such as light switches, fixtures, and electronic devices.

Color	Maximum Conductors	Minimum Wire Combination	Maximum Wire Combination	Insulation Material	Maximum Voltage	Item No.	Pkg. Qty.
Aluminum & Copper Compatible Twist-On Wire Connectors							
IDEAL							
Purple	2	(1) 10 AWG	(1) 10 AWG	Polypropylene	600 V	6YH48	25
General Purpose Twist-On Wire Connectors							
3M							
Blue	5	(5) 22 AWG	(1) 14 AWG with (1) 18 AWG	Vinyl	300 V	2JMH5	1000
Orange	5	(5) 22 AWG	(2) 14 AWG with (1) to (3) 22 to 20 AWG	Vinyl	600 V	2JME8	1000
Yellow	7	(4) 22 AWG	(2) 14 AWG with (1) to (2) 18 AWG	Vinyl	600 V	2DTN9	1000
IDEAL							
Black	5	(2) 22 AWG	(2) 16 AWG	PBT	300 V	6VG15	100
	5	(2) 22 AWG	(3) 16 AWG	PBT	300 V	6VG16	100
	5	(1) 18 AWG with (1) 20 AWG	(2) 14 AWG	PBT	600 V	6VG17	100
Blue	6	(3) 12 AWG	(1) 6 AWG with (2) 8 AWG	Thermoplastic Polyester	600 V	4FA28	25
	5	(2) 22 AWG	(3) 16 AWG	Thermoplastic	300 V	6YH35	100
	4	(1) 20 AWG with (1) 18 AWG	(1) 10 AWG with (2) 12 AWG	Thermoplastic Polyester	600 V	21GR24	25
Gray	6	(3) 14 AWG	(2) 8 AWG with (2) 12 AWG	Polypropylene	600 V	6YH57	50
	5	(2) 22 AWG	(2) 16 AWG	Thermoplastic	300 V	6YH34	100
Green	4	(2) 14 AWG	(4) 12 AWG	Polypropylene	600 V	6YH42	100
Orange	4	(1) 18 AWG with (1) 20 AWG	(2) 14 AWG	Polypropylene	600 V	6YH36	100
Red	6	(2) 14 AWG	(4) 12 AWG	Thermoplastic Polyester	600 V	6YH38	100
	6	(2) 18 AWG	(4) 10 AWG	Thermoplastic Polyester	600 V	6YH59	100
Tan	—	(3) 22 AWG	(3) 10 AWG	Polypropylene	600 V	6LU48	150
	—	(2) 18 AWG	(4) 10 AWG	Polypropylene	600 V	60YE46	500
Yellow	6	(2) 18 AWG	(4) 14 AWG with (1) 18 AWG	Thermoplastic Polyester	600 V	6YH37	100
	4	(2) 18 AWG	(3) 12 AWG	Thermoplastic Polyester	600 V	6YH58	100
Power First							
Blue	5	(3) 18 AWG with (1) 12 AWG	(3) 10 AWG with (1) 12 AWG	Thermoplastic	600 V	5UYH6	25
	5	(2) 22 AWG	(3) 16 AWG	Thermoplastic	300 V	5UYJ3	100
Gray	5	(2) 22 AWG	(1) 16 AWG with (1) 18 AWG with (1) 20 AWG	Thermoplastic	300 V	5UYJ2	100
Orange	5	(1) 18 AWG with (1) 20 AWG	(4) 16 AWG with (1) 20 AWG	Thermoplastic	600 V	5UYJ4	100
Red	9	(3) 18 AWG	(2) 10 AWG with (2) 12 AWG	Thermoplastic	600 V	5UYJ6	100
	6	(3) 16 AWG	(5) 12 AWG	Thermoplastic	600 V	5UYJ8	100
	7	(3) 20 AWG	(2) 12 AWG with (2) 14 AWG	Thermoplastic	600 V	5UYJ5	100
Yellow	6	(2) 18 AWG	(2) 12 AWG with (1) 14 AWG	Thermoplastic	600 V	5UYJ7	100
High-Temperature Twist-On Wire Connectors							
Tempco							
White	3	(1) 16 AWG with (1) 14 AWG	(1) 14 AWG with (2) 12 AWG	Porcelain	300 V	36D139	1
	2	(2) 18 AWG	(2) 14 AWG	Porcelain	300 V	36D140	1
Set Screw Twist-On Wire Connectors							
IDEAL							
	—	(1) 14 AWG with (1) 20 AWG	(3) 14 AWG with (2) 18 AWG	—	600 V	6LU63	10
	—	(1) 16 AWG with (3) 18 AWG	(2) 10 AWG with (1) 12 AWG	—	600 V	6LU64	10
Black	—	(1) 20 AWG with (1) 22 AWG	(2) 14 AWG with (1) 16 AWG	—	—	6LU65	10
	—	(1) 20 AWG with (1) 22 AWG	(2) 14 AWG with (1) 16 AWG	—	300 V	6VG13	100
	—	(1) 14 AWG with (1) 20 AWG	(3) 14 AWG with (2) 18 AWG	—	600 V	6VG14	100
	—	(1) 16 AWG with (3) 18 AWG	(2) 10 AWG with (1) 12 AWG	—	600 V	6YH50	100
Underground Twist-On Wire Connectors							
IDEAL							
Blue, Gray	—	(1) 20 AWG with (1) 18 AWG	(3) 10 AWG	PBT	600 V	21GR25	10
Wide-Range Twist-On Wire Connectors							
3M							
Blue, Gray	6	(4) 14 AWG	(2) 6 AWG	Polypropylene/Thermoplastic Elastomer	600 V	1DLZ1	50
Blue, Orange	6	(2) 22 AWG	(3) 12 AWG	Polypropylene/Thermoplastic Elastomer	600 V	1DLZ4	500
	6	(2) 18 AWG	(5) 12 AWG	Polypropylene/Thermoplastic Elastomer	600 V	1DLY6	100
Red, Tan	6	(2) 18 AWG	(5) 12 AWG	Plastic	600 V	1DLZ2	750
Red, Yellow	—	(5) 12 AWG	(2) 8 AWG	Polypropylene/Thermoplastic Elastomer	600 V	1DLY9	100
	—	(5) 12 AWG	(2) 8 AWG	Plastic	600 V	1DLZ5	500
Tan, Yellow	6	(1) 2 AWG	(1) 3 AWG	Polypropylene/Thermoplastic Elastomer	600 V	1DLY7	100
	6	(2) 22 AWG	(3) 12 AWG	Plastic	600 V	1DLZ3	500
IDEAL							
Blue, Gray	6	(3) 14 AWG	(5) 10 AWG	Thermoplastic Polyester	600 V	21GR23	50
Gray, Orange	4	(2) 20 AWG	(2) 14 AWG	Thermoplastic Polyester	600 V	21GR21	150
Gray, Red	6	(3) 18 AWG	(2) 10 AWG with (1) 14 AWG	Thermoplastic Polyester	600 V	21GR22	100
Red, Tan	6	(2) 18 AWG	(4) 10 AWG	Polypropylene with TPE Overmold	600 V	10K059	250
Twister							
	4	(2) 18 AWG	(4) 10 AWG	—	1,000 V	798LL0	50
Red, Yellow	4	(2) 18 AWG	(4) 10 AWG	—	1,000 V	798LL1	250
	4	(2) 18 AWG	(4) 10 AWG	—	1,000 V	798LL2	400



Push-In Wire Connectors

- Max. voltage: 600V
- Polycarbonate housing

Push-in wire connectors create quick, semipermanent connections between conductors without crimping tools.



Color	For Minimum Wire Size - Solid	For Maximum Wire Size - Solid	Item No.	Pkg. Qty.
2 Port				
Red	20 AWG	12 AWG	5EKL2	100
3 Port				
Orange	20 AWG	12 AWG	5EKL3	100
Blue	14 AWG	10 AWG	5VYJ6	50
4 Port				
Yellow	20 AWG	12 AWG	5EKL4	100
5 Port				
Gray, Red	20 AWG	12 AWG	798HA3	150
6 Port				
Blue	20 AWG	12 AWG	798HA4	100