



**WING-NUT®
WIRE CONNECTORS**

**MODELS
451®, 452®, 454®**

FEATURES/BENEFITS:



- CONTOURED WING DESIGN PROVIDES EXTRA LEVERAGE FOR MAXIMUM TORQUE
- WIDE RANGE, LIVE-ACTION SPRING HANDLES SMALL COMBINATIONS AND EXPANDS TO ACCOMODATE LARGE COMBINATIONS WHEN YOU NEED IT
- COPOLYMER SHELL EXPANDS FOR SMOOTH, PROGRESSIVE TIGHTENING ENSURING DEPENDABLE CONNECTIONS
- ABILITY TO DEAD-END TERMINATIONS FROM #16 TO #6 AWG

ELECTRICAL:

VOLTAGE:
GENERAL: 600 V MAX
SIGN/LUMINAIRES: 1000 V MAX

APPLICATION TOOLS:

- Spin-Twist Wire Connector Socket

PHYSICAL:

HOUSING: THERMOPLASTIC POLYESTER
INSERT: STEEL
PLATING: ZINC
TEMPERATURE: 105° C (221° F)

STANDARDS & SPECIFICATIONS:

UL 486 C
UL 94V-2 FLAME RATING
CSA- C22.2 NO. 188
RoHS COMPLIANT
IEC 998-2-4

Made in U.S.A.

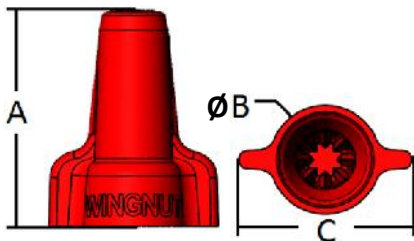


WIRE RANGE & COMBINATIONS:

- Solid and/or stranded wire combinations unless stated otherwise
- Consult website for other combinations not listed

| MODEL 451® (YELLOW) | MODEL 452® (RED) | MODEL 454® (BLUE) |
|--|--|---|
| STRIP LENGTH: 3/8" | STRIP LENGTH: 1/2" | STRIP LENGTH: 7/8" |
| 600V MAX: 1 #10 1 to 3 #12 2 #12 w/ 1 to 2 #18 2 #12 w/ 1 #14 1 to 3 #14 2 to 4 #16 2 to 4 #18 | 600V MAX: 1 #6 1 to 2 #8 1 to 4 #10 1 to 5 #12 1 to 6 #14, #16 2 to 6 #18 3 to 6 #20 4 to 6 #22 | 600V MAX: 1 to 2 #6 2 to 3 #8 2 to 5 #10 3 to 6 #12 2 #12 w/ 2 to 4 #14 5 or 6 #14 |

DIMENSIONS:



| MODEL | A | | B | | C | |
|-------|--------|------|--------|------|--------|------|
| | INCHES | mm | INCHES | mm | INCHES | mm |
| 451® | 1.03 | 26.0 | 0.48 | 12.2 | 0.69 | 17.5 |
| 452® | 1.21 | 30.7 | 0.60 | 15.0 | 0.92 | 23.5 |
| 454® | 1.45 | 36.8 | 0.78 | 19.6 | 1.20 | 30.5 |

ORDERING INFO:

| MODEL 451® (YELLOW) | | | MODEL 452® (RED) | | | MODEL 454® (BLUE) | | |
|---------------------|----------------|--------------|------------------|----------------|--------------|-------------------|---------------|--------------|
| QUANTITY | CAT. NO. | WEIGHT (lbs) | QUANTITY | CAT. NO. | WEIGHT (lbs) | QUANTITY | CAT. NO. | WEIGHT (lbs) |
| BOX OF 100 | 30-451 | 0.45 | BOX OF 100 | 30-452 | 0.85 | BOX OF 25 | 30-454 | 0.50 |
| JAR OF 225 | 30-451J | 1.08 | JAR OF 300 | 30-452J | 2.70 | BAG OF 100 | 30-654 | 1.88 |
| JAR OF 500 | 30-651J | 2.40 | JAR OF 500 | 30-652J | 2.35 | CARTON OF 250 | 30-554 | 4.13 |
| BAG OF 500 | 30-651 | 2.00 | BAG OF 500 | 30-652 | 2.00 | | | |
| CARTON OF 1,000 | 30-551 | 3.90 | CARTON OF 1,000 | 30-552 | 7.80 | | | |
| BARREL OF 35,000 | 30-851 | 136.50 | BARREL OF 25,000 | 30-852 | 192.50 | | | |

FACTORY CONTACT:

SALES CONTACT:

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