



**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

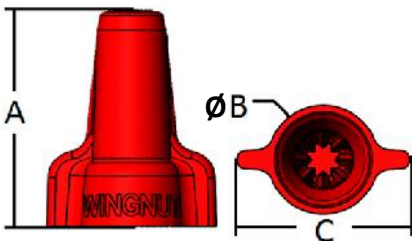


**WIRE RANGE & COMBINATIONS:**

- 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"
<b>600V MAX:</b> 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	<b>600V MAX:</b> 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	<b>600V MAX:</b> 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	<b>30-451</b>	0.45	BOX OF 100	<b>30-452</b>	0.85	BOX OF 25	<b>30-454</b>	0.50
JAR OF 225	<b>30-451J</b>	1.08	JAR OF 300	<b>30-452J</b>	2.70	BAG OF 100	<b>30-654</b>	1.88
JAR OF 500	<b>30-651J</b>	2.40	JAR OF 500	<b>30-652J</b>	2.35	CARTON OF 250	<b>30-554</b>	4.13
BAG OF 500	<b>30-651</b>	2.00	BAG OF 500	<b>30-652</b>	2.00			
CARTON OF 1,000	<b>30-551</b>	3.90	CARTON OF 1,000	<b>30-552</b>	7.80			
BARREL OF 35,000	<b>30-851</b>	136.50	BARREL OF 25,000	<b>30-852</b>	192.50			

**FACTORY CONTACT:**

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