

SIZES #14 #12 #10 AWG

THHN/THWN ALUMINUM ARMORED

600 V (UL) 2 TO 4 CONDUCTOR CONSTRUCTION



(2 conductor shown)

**Conductor:**  
Bare stranded class "C" soft drawn copper

**Insulation:**  
Thermoplastic high heat resistant nylon coated (THHN) / Thermoplastic high water resistant nylon coated (THWN)

**Bonding Conductor (Ground):**  
1 stranded class "C" insulated copper conductor

**Armor:**  
Aluminum interlocked armor

**Color Coding:**  
Standard low and high voltage colors available (please see part number and description page for actual colors and options)

**Binder Tape:**  
Printed Polypropylene

**UL Listing:**  
E189204

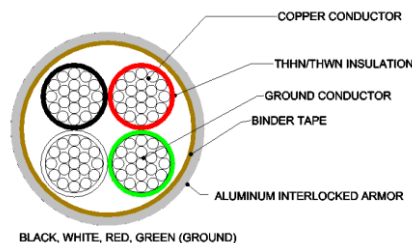
**Applications:**  
For concealed wiring in dry locations.  
For exposed wiring in dry locations.  
For branch and feeder and service circuits in commercial, industrial, multi-residential buildings, and places of assembly.  
For power, lighting, control, and signal circuits.  
For use in cable trays in dry locations.  
For use in any raceway.  
For use as aerial cable on a messenger.  
When embedded in plaster finish on brick or other masonry, except in damp or wet locations.  
For use when run or fished in the air voids of masonry block or tile walls where such walls are not exposed or subject to excessive moisture or dampness.  
Class 1 Division 2, Class 2 Division 2 Hazardous Locations.

**Features:**  
Rated at 90°C dry  
Excellent crush resistance  
Provides long service life  
Cost effective alternative to installations in conduit

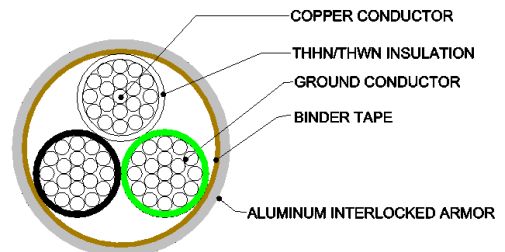
**Compliances:**  
Industry compliances: UL 1569, 2556, 83  
Gasoline and oil resistance II  
UL trough penetration fire stop systems: C-AJ-3147, C-AJ-3148, C-AJ-3149, FC-3041, FC-3042, WJ-3041, WL 3123, WL-3125, WL-3126, WL-3127, WL-3128

PART NO.	NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG /kcmil)	MIN. AVG. INSULATION & NYLON THICKNESS	NOMINAL DIAMETER (OVER)		LBS/ 1000'	AMPACITY AT 90° C
					TWISTED CORE	ARMOR		
					INCHES	INCHES		
800899	2	14	14	0.020	0.249	0.447	80	25
800265	2	12	12	0.020	0.284	0.465	106	30
800257	2	10	10	0.025	0.355	0.545	156	40

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES  
AMPACITY IS BASED ON NEC table 310.15(B)(16)



BLACK, WHITE, RED, GREEN (GROUND)



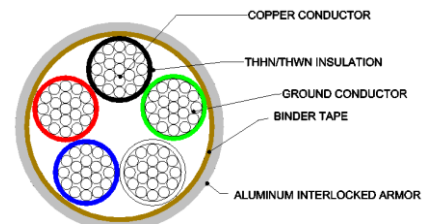
BLACK, WHITE, GREEN (GROUND)

PART NO.	NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG /kcmil)	MIN. AVG. INSULATION & NYLON THICKNESS	NOMINAL DIAMETER (OVER)		LBS/ 1000'	AMPACITY AT 90° C
					TWISTED CORE	ARMOR		
					INCHES	INCHES		
800959	3	14	14	0.020	0.278	0.469	98	25
800304	3	12	12	0.020	0.316	0.500	133	30
800293	3	10	10	0.025	0.388	0.605	214	40

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES  
AMPACITY IS BASED ON NEC table 310.15(B)(16)

PART NO.	NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG /kcmil)	MIN. AVG. INSULATION & NYLON THICKNESS	NOMINAL DIAMETER (OVER)		LBS/ 1000'	AMPACITY AT 90° C
					TWISTED CORE	ARMOR		
					INCHES	INCHES		
800900	4	14	14	0.020	0.309	0.501	106	20
800355	4	12	12	0.020	0.353	0.545	201	24
800345	4	10	10	0.025	0.434	0.660	260	32

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES  
AMPACITY IS BASED ON NEC table 310.15(B)(16) & table 400.5 (A) (3)



BLACK, WHITE, RED, BLUE, GREEN (GROUND)



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PART NUMBERS AND DESCRIPTIONS  
HIGH VOLTAGE COLORS

Part ID	Size & # Cdrs.	Color Coding
800539	12/2	brown, gray
800541	12/2	orange, gray
800543	12/2	yellow, gray
800605	12/2	brown, orange
800552	12/2	red, white
800553	12/2	blue, white
800546	12/3	brown, orange, gray
800524	12/3	brown, orange, yellow
800545	12/3	brown, yellow, gray
800547	12/3	orange, yellow, gray
800571	12/3	brown, purple, gray
800550	12/3	black, blue, white
800551	12/3	blue, red, white
800601	12/3	red, blue, gray
800544	12/4	brown, orange, yellow, gray
800739	10/2	brown, gray
800738	10/3	brown, orange, gray
800612	10/3	brown, orange, yellow
800549	10/3	black, blue, white
800554	10/3	blue, red, white
800521	10/3	brown, yellow, gray
800548	10/4	brown, orange, yellow, gray