

CIRCUIT SIZES #14 #12 #10 AWG

THHN/THWN ALUMINUM ARMORED

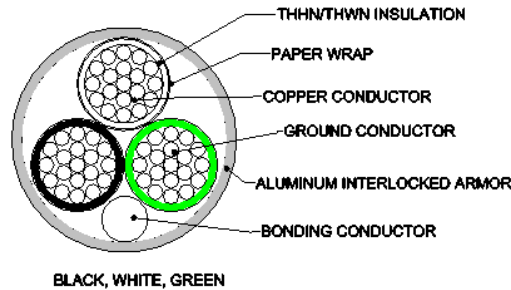
600 V (UL) 2 TO 4 CONDUCTOR CONSTRUCTION



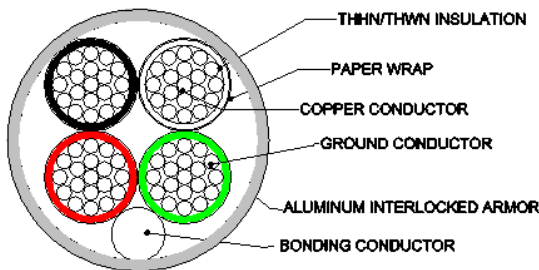
(2 conductor shown)

- Conductor:**
Stranded class "C" soft drawn copper.
- Insulation:**
Thermoplastic high heat resistant nylon coated (THHN) / Thermoplastic heat water resistant nylon coated (THWN). Each conductor is individually wrapped in a fibrous covering.
- Bonding Conductor:**
One 16 AWG. aluminum conductor in intimate contact with armour along its entirety.
- Ground:**
Stranded class "C" soft drawn green insulated copper conductor individually wrapped in a fibrous covering.
- Armor:**
Aluminum interlocked armor with helically patterned green stripe.
- Color Coding:**
Standard low and high voltage colors available (see part numbers and description page for actual colors and options)
- UL Listing:**
E208790

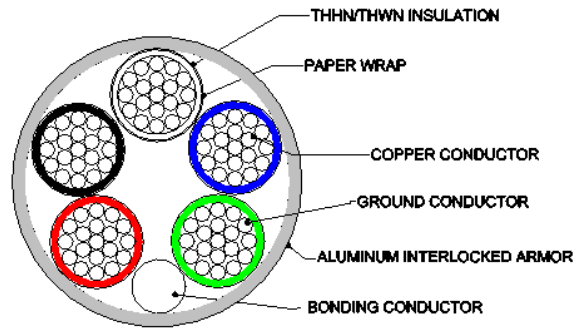
- Applications:**
For feeders and branch circuits in both exposed and concealed installations
In cable trays
In dry locations
Embedded in plaster finish on brick or other masonry, except in damp or wet locations
To be run or fished in the air voids of masonry block or tile walls where such walls are not exposed or subject to excessive moisture or dampness
- Features:**
ACTHH Rated at 90°C dry
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit
- Compliances:**
Industry compliances: UL 4, RoHS
Gasoline and oil resistance II



BLACK, WHITE, GREEN



BLACK, WHITE, RED, GREEN



BLACK, WHITE, RED, BLUE, GREEN

HCF STRANDED— COPPER CONDUCTOR

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NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG/kcmil)	MIN. AVG. INSULATION THICKNESS	NOMINAL DIAMETER (OVER)		LBS/1000'	AMPACITY AT 90° C
				INSULATION	ARMOR		
				INCHES	INCHES		
2	12	12	0.020	0.305	0.540	131	30
2	10	10	0.025	0.374	0.583	193	40

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON NEC table 310.15(B)(16)

NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG/kcmil)	MIN. AVG. INSULATION THICKNESS	NOMINAL DIAMETER (OVER)		LBS/1000'	AMPACITY AT 90° C
				INSULATION	ARMOR		
				INCHES	INCHES		
3	12	12	0.020	0.337	0.580	160	30
3	10	10	0.025	0.407	0.665	233	40

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON NEC table 310.15(B)(16)

NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG/kcmil)	MIN. AVG. INSULATION THICKNESS	NOMINAL DIAMETER (OVER)		LBS/1000'	AMPACITY AT 90° C
				INSULATION	ARMOR		
				INCHES	INCHES		
4	12	12	0.020	0.370	0.540	186	24

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON NEC table 310.15(B)(16) & table 400.5 (A) (3)



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PART NUMBERS AND DESCRIPTIONS

Part	Size	Colors
801431	12/2	black, white
800996	12/2	black, red
801537	12/2	brown, gray
800243	12/3	black, white, red
801701	12/4	black, white, red, blue
800845	12/4	brown, orange, gray, yellow
801702	10/2	black, white
801014	10/3	black, white, red

