

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. Each conductor is individually wrapped in a fibrous covering

Insulation:

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

Bonding Conductor:

One 16 AWG. aluminum conductor in intimate contact with armour along its entirety.

Ground:

Stranded class "C" soft drawn 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:

Rated at 90°C dry

Excellent crush resistance

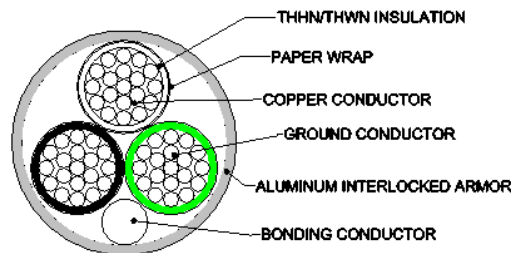
Provides long service life

Cost effective alternative to installations in conduit

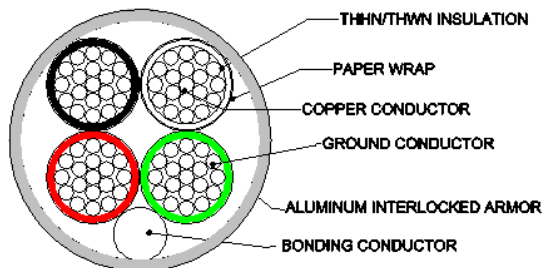
Compliances:

Industry compliances: UL 4, RoHS

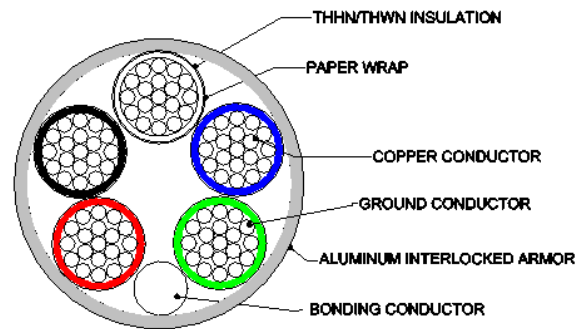
Gasoline and oil resistance II



BLACK, WHITE, GREEN



BLACK, WHITE, RED, GREEN



BLACK, WHITE, RED, BLUE, GREEN

HCF STRANDED— COPPER CONDUCTOR

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600 V (UL) 2 TO 4 CONDUCTOR CONSTRUCTION

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)