

HCF STRANDED— COPPER CONDUCTOR

COMPACT SIZES #8 #6 AWG

THHN/THWN ALUMINUM ARMORED

600 V (UL) 2 TO 3 CONDUCTOR CONSTRUCTION



(2 conductor shown)

Conductor:
Stranded class “B” 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:
For # 8 AWG stranded class “C” soft drawn insulated copper conductor individually wrapped in a fibrous covering.

For # 6 AWG stranded class “B” soft drawn insulated copper conductor individually wrapped in a fibrous covering.

Armor:
Aluminum interlocked armour with helically patterned green stripe.

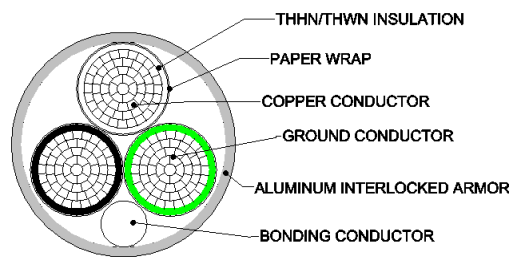
Color Coding:
Standard low and high voltage colors available

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
For use in health care facilities

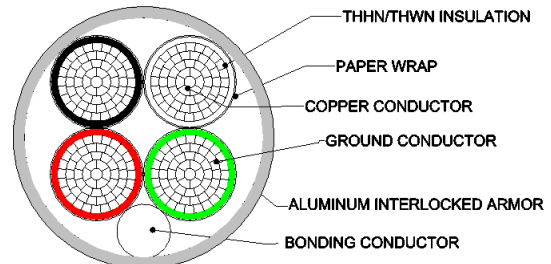
Features:
Rated at 90°C dry
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit

Compliances:
Industry compliances: UL 4, RoHS
Gasoline and oil resistance II

UL Listing:
E208790



BLACK, WHITE, GREEN



BLACK, WHITE, RED, GREEN

PART NO.	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	INCHES		
801703	2	8	10	0.036	0.460	0.697	297	55
800249	2	8	10	0.036	0.550	0.770	347	55
800248	3	6	8	0.036	0.575	0.845	484	75

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

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