

HCF SOLID– COPPER CONDUCTOR

CIRCUIT SIZES #14 #12 #10 AWG/ NEUTRAL PER LEG

THHN/THWN ALUMINUM ARMORED

600 V (UL) 1,1,1 & 2,2,1 CONDUCTOR CONSTRUCTION



(3 conductor shown)

Conductor:
Solid soft drawn copper.

Insulation:
Thermoplastic high heat resistant nylon coated (THHN) / Thermoplastic high water resistant nylon coated (THWN). Each insulated conductor is individually wrapped in a fibrous covering.

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

Ground:
One solid soft drawn green insulated copper conductor individually wrapped in a fibrous covering.

Neutral:
One copper Neutral conductor per phase

Armor:
Aluminum interlocked armor with helically patterned green stripe.

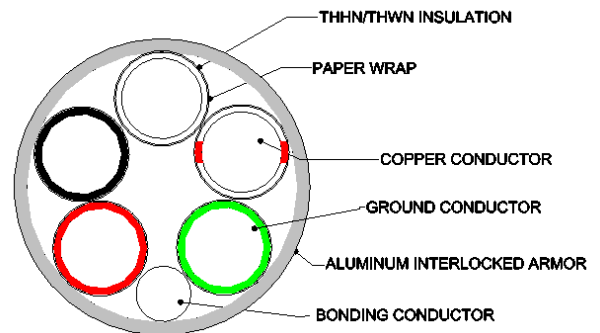
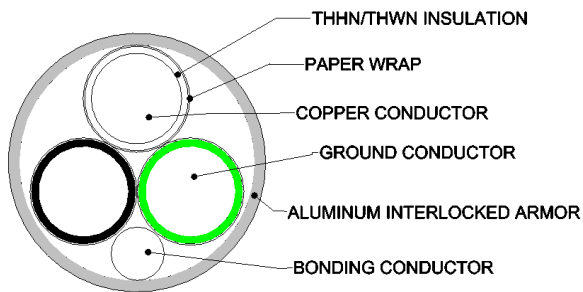
Color Coding:
Standard low and high voltage colors available

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 compliant
Gasoline and oil resistance II

UL Listing:
E208790



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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'
				INSULATION	ARMOR	
			INCHES	INCHES	INCHES	
2	14	14	0.020	0.247	0.462	95
2	12	12	0.020	0.279	0.515	126
2	10	10	0.025	0.346	0.555	173

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG/kcmil)	MIN. AVG. INSULATION THICKNESS	NOMINAL DIAMETER (OVER)		LBS/1000'
				INSULATION	ARMOR	
			INCHES	INCHES	INCHES	
4	12	12	0.020	0.351	0.585	183
4	10	10	0.025	0.427	0.680	269

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