

SIZES #14 #12 #10 AWG

THHN/THWN AIA ARMoured

600 V (UL) 2 TO 4 CONDUCTOR CONSTRUCTION



(3 conductor shown)

Conductor:
Bare solid 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 (Ground):
One 16 AWG. aluminum conductor in intimate contact with armour along its entirety.

Armor:
Aluminum interlocked armour

Color Coding:
Standard low and high voltage colors available

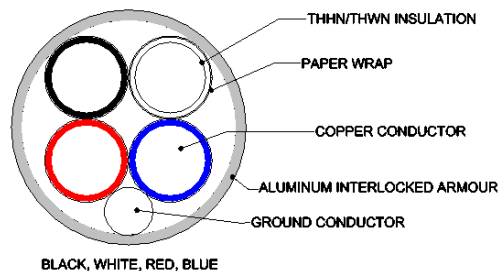
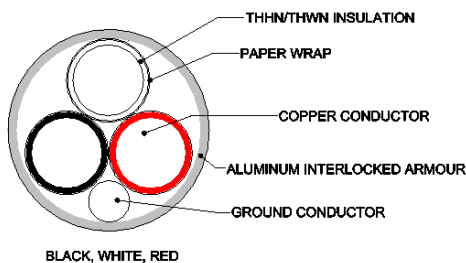
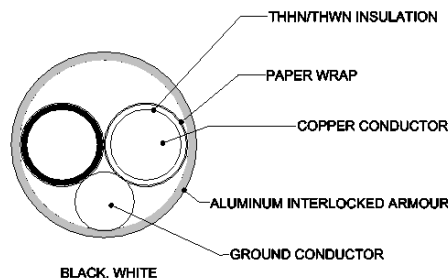
Print:
NORTHERN CABLES™ #/C SIZE (AWG OR KCMIL)
(UL) TYPE THHN OR THWN 600 VOLTS GASOLINE
AND OIL RESISTANT II MADE IN CANADA C(UL)
NYLON 600V

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 and 2256
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



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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		
800123	2	14	16	0.020	0.230	0.435	74	25
800119	2	12	16	0.020	0.266	0.475	95	30
800111	2	10	16	0.025	0.326	0.521	134	40

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON NEC table 310.15(B)(16) (Three conductors in raceway or conduit)

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		
800155	3	14	16	0.020	0.245	0.460	93	25
800143	3	12	16	0.020	0.279	0.505	122	30
800136	3	10	16	0.025	0.342	0.551	171	40

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AMPACITY IS BASED ON NEC table 310.15(B)(16) (Three conductors in raceway or conduit)

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		
800179	4	14	16	0.020	0.272	0.490	112	20
800206	4	12	16	0.020	0.325	0.535	151	24
800201	4	10	16	0.025	0.393	0.640	225	32

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON NEC table 310.15(B)(16) (Three conductors in raceway or conduit) & table 400.5 (A) (3) (Ampacity correction factors)