



Conductor:
Stranded class "C" soft drawn copper

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

Bonding Conductor (Ground):
1 stranded class "C" insulated copper conductor.

Armor:
Aluminum interlocked armour

Jacket:
Polyvinyl Chloride (PVC), black or gray
Other colors available on request. SUN RES on black jacketed product

Color Coding:
Standard low and high voltage colors available (please see part number and description page for actual colors and options)

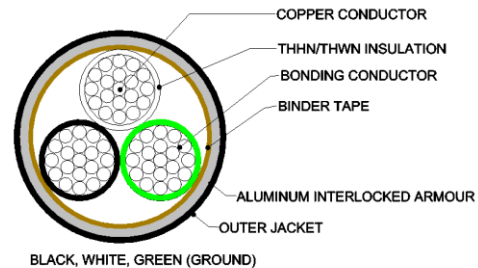
Binder Tape:
Printed Polypropylene

Print:
NORTHERN CABLES™ #/C SIZE (AWG OR KCMIL)
(UL) TYPE MC 600 VOLTS OIL RES I DIR BUR
MADE IN CANADA (UL) 600V E189204

Applications:
For concealed wiring in dry or wet locations
For exposed wiring in dry or wet locations.
For branch and feeder and service circuits in commercial, industrial, multi-residential buildings, and places of assembly.
For power, lighting, control, and signal circuits.
For use in any raceway.
For use as aerial cable on a messenger
When embedded in plaster finish on brick or other masonry
For use when run or fished in the air voids of masonry block or tile walls where such walls
Class 1 Division 2, Class 2 Division 2 Hazardous Locations

Features:
Rated at 90°C dry 75°C wet
Oil resistance
Direct burial
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit

Compliances:
Industry compliances: UL 1569, 2556, 83
Gasoline and oil resistance II, Direct Burial

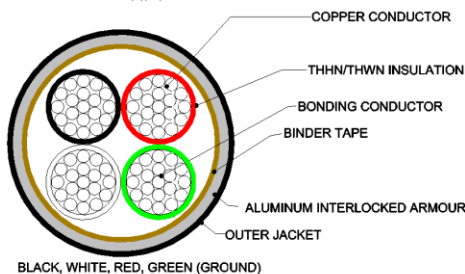


(2 conductor shown)

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	CABLE		
				INCHES	INCHES	INCHES		
2	14	14	0.020	0.249	0.447	0.539	126	25
2	12	12	0.020	0.284	0.465	0.570	153	30
2	10	10	0.025	0.355	0.545	0.625	226	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	CABLE		
				INCHES	INCHES	INCHES		
3	14	14	0.020	0.278	0.469	0.574	148	25
3	12	12	0.020	0.316	0.500	0.605	181	30
3	10	10	0.025	0.388	0.605	0.680	273	40

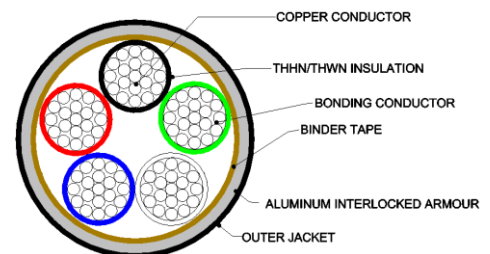
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AMPACITY IS BASED ON NEC table 310.15(B)(16)

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	CABLE		
				INCHES	INCHES	INCHES		
4	14	14	0.020	0.309	0.501	0.601	169	20
4	12	12	0.020	0.353	0.545	0.625	212	24
4	10	10	0.025	0.434	0.660	0.775	280	32

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

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



MC JACKETED STRANDED – COPPER CONDUCTOR

SIZES #14 #12 #10 AWG

April 2018

THHN/THWN AIA ARMoured

600 V (UL) 2 TO 4 CONDUCTOR CONSTRUCTION

PART NUMBERS AND DESCRIPTIONS

Part ID	Size & # Cdrs.	Solid or Stranded	Insulation Color Coding	Jacket Color
801775	#14 / 2c	stranded	black,white	Black
801364	#14 / 3c	stranded	black,white,red	Black
801673	#14 / 4c	stranded	black,white,red,blue	Black
800388	#12 / 2c	stranded	black,white	Black
801776	#12 / 3c	stranded	black,white,red	Black
800406	#12 / 4c	stranded	black,white,red,blue	Black
800386	#10 / 2c	stranded	black,white	Black
800623	#10 / 3c	stranded	black,white,red	Black
800805	#10 / 4c	stranded	black,white,red,blue	Black
801777	#14 / 2c	stranded	black,white	Gray
801778	#14 / 3c	stranded	black,white,red	Gray
801779	#14 / 4c	stranded	black,white,red,blue	Gray
800557	#12 / 2c	stranded	black,white	Gray
800665	#12 / 2c	stranded	brown,gray	Gray
800907	#12 / 2c	stranded	orange,gray	Gray
800906	#12 / 2c	stranded	yellow,gray	Gray
800836	#12 / 3c	stranded	black,white,red	Gray
800767	#12 / 3c	stranded	brown,gray,orange	Gray
800741	#12 / 4c	stranded	black,white,red,blue	Gray
800796	#10 / 2c	stranded	black,white	Gray
800649	#10 / 2c	stranded	brown,gray	Gray
800837	#10 / 3c	stranded	black,white,red	Gray
800654	#10 / 4c	stranded	black,white,red,blue	Gray
800769	#10 / 4c	stranded	brown,gray,orange,yellow	Gray