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MC JACKETED SOLID – COPPER CONDUCTOR APR 2019

CIRCUIT SIZES #14 #12 #10 AWG

THHN/THWN ALUMINUM ARMORED

600 V (UL) 2 TO 4 CONDUCTOR CONSTRUCTION



(2 conductor shown)

Conductor:
Solid soft drawn copper

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

Bonding Conductor (Ground):
1 solid insulated copper conductor.

Armor:
Aluminum interlocked armour

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

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

Binder Tape:
Printed binder tape

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

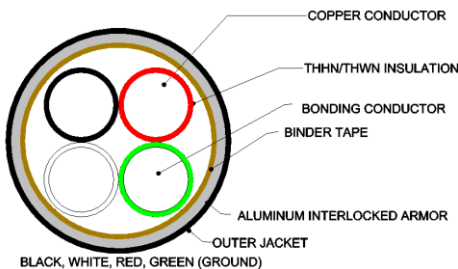
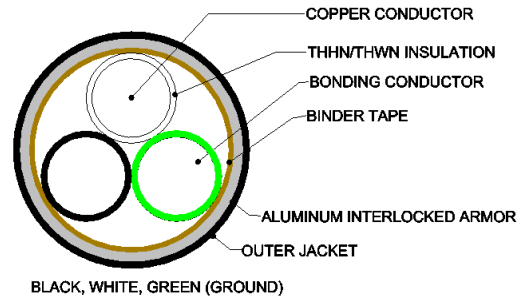
Applications:
For concealed wiring in dry or wet locations
For exposed wiring in dry or wet locations.
For branch and feeder and service circuits in commercial, industrial, multi-residential buildings, and places of assembly.
For power, lighting, control, and signal circuits.
For use in any raceway.
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

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

Compliances:
Industry compliances: UL 1569, 2256, 83
Direct Burial
Gasoline and oil resistance II

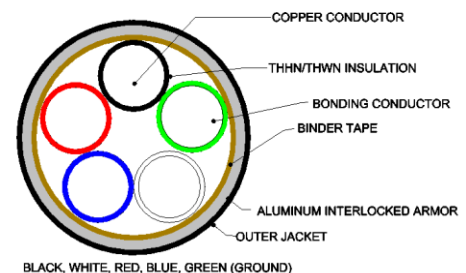
NO OF COND.	COND. SIZE (AWG/ kcmil)	GROUND WIRE SIZE (AWG /kcmil)	INSULATION & NYLON THICKNESS	NOMINAL DIAMETER (OVER)			LBS/ 1000'	AMPACITY AT 90° C
				TWISTED CORE	ARMOR	CABLE		
				INCHES	INCHES	INCHES		
2	14	14	0.020	0.232	0.430	0.535	134	25
2	12	12	0.020	0.271	0.460	0.565	167	30
2	10	10	0.025	0.337	0.526	0.631	220	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
				TWISTED CORE	ARMOR	CABLE		
				INCHES	INCHES	INCHES		
3	14	14	0.020	0.258	0.460	0.570	158	25
3	12	12	0.020	0.301	0.480	0.580	198	30
3	10	10	0.025	0.376	0.565	0.665	270	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)	INSULATION & NYLON THICKNESS	NOMINAL DIAMETER (OVER)			LBS/ 1000'	AMPACITY AT 90° C
				TWISTED CORE	ARMOR	CABLE		
				INCHES	INCHES	INCHES		
4	14	14	0.020	0.293	0.500	0.600	168	20
4	12	12	0.020	0.336	0.525	0.625	230	24
4	10	10	0.025	0.411	0.640	0.740	335	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)



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PART NUMBERS AND DESCRIPTIONS

Part ID	Size & # Cdrs.	Solid or Stranded	Insulation Color Coding	Jacket Color
800390	#14 / 2c	solid	black,white	Black
800396	#14 / 3c	solid	black,white,red	Black
801774	#14 / 4c	solid	black,white,red,blue	Black
800389	#12 / 2c	solid	black,white	Black
800811	#12 / 2c	solid	brown,gray	Black
800395	#12 / 3c	solid	black,white,red	Black
800810	#12 / 3c	solid	brown,orange,gray	Black
800406	#12 / 4c	solid	black,white,red,blue	Black
800817	#10 / 2c	solid	black,white	Black
800812	#10 / 2c	solid	brown,gray	Black
800393	#10 / 3c	solid	black,white,red	Black
800757	#10 / 3c	solid	brown,orange,gray	Black
800404	#10 / 4c	solid	black,white,red,blue	Black
800624	#12 / 2c	solid	black,white	Gray
800698	#12 / 2c	solid	brown,gray	Gray
800699	#12 / 2c	solid	orange,gray	Gray
800700	#12 / 2c	solid	yellow,gray	Gray
800593	#12 / 3c	solid	black,white,red	Gray
800701	#12 / 3c	solid	brown,gray,orange	Gray
800650	#12 / 4c	solid	black,white,red,blue	Gray
800583	#12 / 4c	solid	brown,gray,orange,yellow	Gray
800592	#10 / 2c	solid	black,white	Gray
800710	#10 / 2c	solid	brown,gray	Gray
800625	#10 / 3c	solid	black,white,red	Gray
800711	#10 / 3c	solid	brown,orange,gray	Gray
800881	#10 / 3c	solid	brown,orange,yellow	Gray
800558	#10 / 4c	solid	black,white,red,blue	Gray
800712	#10 / 4c	solid	brown,gray,orange,yellow	Gray