

MC COMPACT STRANDED – ALUMINUM CONDUCTOR

SIZES #8 AWG THRU 4/0 AWG

THHN/THWN, ALUMINUM ARMORED

600 V (UL) 3 CONDUCTOR CONSTRUCTION

Conductor:
Compact stranded class "B" aluminum

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

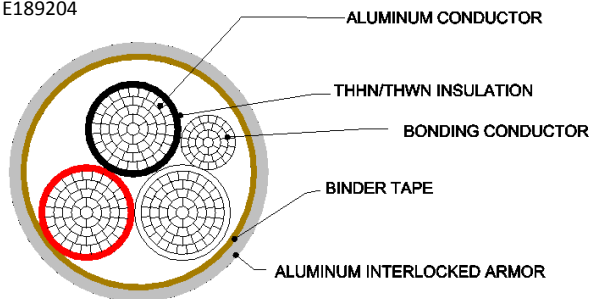
Bonding Conductor (Ground):
Compact stranded class "B" bare aluminum conductor.

Aarmor:
Aluminum interlocked armor

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

UL Listing:
E189204



Applications:
For concealed wiring in dry locations
For exposed wiring in dry 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 cable trays in dry locations.
For use in any raceway.
For use as aerial cable on a messenger
When embedded in plaster finish on brick or other masonry, except in damp or wet locations.
For use when 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
Oil resistance
Direct burial
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit

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

PART NO.	NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG/kcmil)	MIN. AVG. INSULATION & NYLON THICKNESS INCHES	NOMINAL DIAMETER		LBS/1000'	AMPACITY AT 90° C
					TWISTED CORE INCHES	ARMOR INCHES		
801819	3	6	8	0.036	0.515	0.735	206	55
802087	3	6	6	0.036	0.515	0.735	215	55
801820	3	4	6	0.047	0.655	0.875	301	75
801821	3	2	6	0.047	0.770	0.990	376	100
801813	3	1	4	0.058	0.883	1.103	522	115
801428	3	1/0	4	0.058	0.961	1.173	568	135
801807	3	2/0	4	0.058	1.045	1.257	708	150
801644	3	3/0	4	0.058	1.137	1.365	868	175
801818	3	4/0	2	0.058	1.271	1.491	978	205
DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES								
AMPACITY IS BASED ON NEC table 310.15(B)(16)								