

## Type MC UL 1569

### Construction

Class B stranded bare copper conductors, cross-link PE insulation, bare copper ground wire, aluminum or galvanized steel interlocking armor, PVC outer jacket. Thermoset insulation. NEC conductor temperature 90°C dry and 90°C wet. 600V (14-2 AWG).

### Applications

A general purpose cable used in the pulp and paper, mining, petroleum, and chemical industry as well as in commercial buildings. MC Cable may be used under the following conditions: exposed or concealed wiring in dry or wet conditions, in ventilated, non-ventilated or ladder type cable trays in dry or wet conditions, on walls or beams, directly buried, Class I and II Division 2, and Class III Division 1 and 2 hazardous locations.



### Design Advantages

#### Insulation Properties

- High tensile strength
- Impact and crush resistant
- Heat and moisture resistant
- Excellent elongation
- Good low temperature properties

#### Electrical Properties

- High insulation resistance
- Low dielectric loss
- High dielectric strength

#### Other Features

- Corrosion resistant
- Versatile
- Flexible
- Provides cost-saving as the need for conduit and ducts are not required

See referenced pages in the Hardware & Supplies section:

#### Suggested Prep Tools

- MK01A Outer Jacket Cable Stripper - I-11
- 721 Multi-Wire Stripper/Cutter - I-9

Part No.	AWG	No. of Cond.	Ground Wire	Insulation Thick. (in)	Nominal O.D. (in)	Weight (lbs/M-ft)
2C14B7MC	14	2	14	.030	.608	180
3C14B7MC	14	3	14	.030	.629	205
4C14B7MC	14	4	14	.030	.665	235
5C14B7MC	14	5	14	.030	.704	270
6C14B7MC	14	6	14	.030	.745	300
7C14B7MC	14	7	14	.030	.745	315
10C14B7MC	14	10	14	.030	.882	415
12C14B7MC	14	12	14	.030	.903	460
15C14B7MC	14	15	14	.030	.978	545
20C14B7MC	14	20	14	.030	1.131	735
30C14B7MC	14	30	14	.030	1.282	985
2C12B7MC	12	2	12	.030	.646	220
3C12B7MC	12	3	12	.030	.660	250
4C12B7MC	12	4	12	.030	.710	290
2C10B7MC	10	2	10	.030	.694	275
3C10B7MC	10	3	10	.030	.722	320
4C10B7MC	10	4	10	.030	.768	380
3C8B7MC	8	3	10	.045	.843	440
4C8B7MC	8	4	10	.045	.915	535
3C6B7MC	6	3	8	.045	.942	590
4C6B7MC	6	4	8	.045	1.016	795
3C4B7MC	4	3	8	.045	1.093	850
4C4B7MC	4	4	8	.045	1.193	1060
3C3B7MC	3	3	6	.045	1.169	1035
3C2B7MC	2	3	6	.045	1.209	1170
4C2B7MC	2	4	6	.045	1.337	1510

Color Coding:  
For sizes 14, 12, 10 use ICEA Method 1, Table K.2 with printed numbers.  
For sizes 8 and larger use ICEA Appendix K, Method 4 with printed numbers.