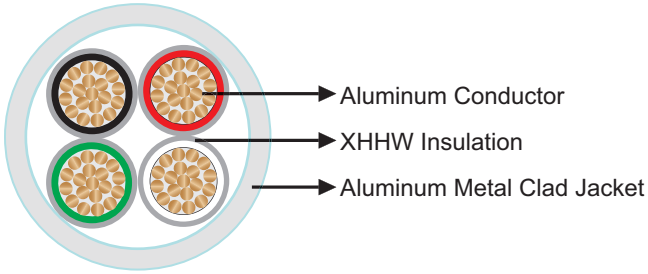
# Aluminum MC Electrical Cable

## Applications:

These cables are designed for indoor, outdoor and conduit use only. They cannot be directly buried in the earth without the protection of conduit or cable tray. They are manufactured with Aluminum XHHW Wires and an insulated Aluminum XHHW ground wire.

## Construction:



**Conductor:** Stranded Aluminum Strands 6 - 750 mcm

**Insulation:** XHHW insulation

**Jacket:** Aluminum Metal Clad Jacket

## Properties:

**Voltage rating:** 600 Volts

**Temperature rating:** 90°C

## Parameters:

| Type | AWG | Strand | Cable Weight | |
|---|---|---|---|---|
| | | | Lbs/kft | Kg/km |
| 3 Cores + Ground | | | | |
| MC 6/3 | 6 AWG | 19 | 237 | 352.8 |
| MC 4/3 | 4 AWG | 19 | 298 | 443.6 |
| MC 2/3 | 2 AWG | 19 | 411 | 611.8 |
| MC 1/3 | 1 AWG | 19 | 496 | 738.3 |
| MC 1/0 3 | 1/0 AWG | 19 | 578 | 860.4 |
| MC 2/0 3 | 2/0 AWG | 19 | 678 | 1009.2 |
| MC 3/0 3 | 3/0 AWG | 19 | 833 | 1239.9 |
| MC 4/0 3 | 4/0 AWG | 19 | 1089 | 1621.0 |
| MC 250 3 | 250 MCM | 19 | 1275 | 1897.9 |
| MC 350 3 | 350 MCM | 19 | 1653 | 2460.5 |
| MC 400 3 | 400 MCM | 19 | 1830 | 2724.0 |
| MC 500 3 | 500 MCM | 19 | 2177 | 3240.5 |
| MC 600 3 | 600 MCM | 19 | 2608 | 3882.1 |
| MC 750 3 | 750 MCM | 19 | 3118 | 4641.2 |
| 4Cores + Ground | | | | |
| MC 2/4 | 2 AWG | 19 | 508 | 756.2 |
| MC 1/4 | 1 AWG | 19 | 619 | 921.4 |
| MC 1/0 4 | 1/0 AWG | 19 | 727 | 1082.2 |
| MC 2/0 4 | 2/0 AWG | 19 | 858 | 1277.2 |
| MC 3/0 4 | 3/0 AWG | 19 | 1138 | 1693.9 |
| MC 4/0 4 | 4/0 AWG | 19 | 1374 | 2045.2 |
| MC 250 4 | 250 MCM | 19 | 1634 | 2432.2 |
| MC 350 4 | 350 MCM | 19 | 2129 | 3169.1 |
| MC 500 4 | 500 MCM | 19 | 2877 | 4282.5 |
| MC 600 4 | 600 MCM | 19 | 3415 | 5083.3 |
| MC 750 4 | 750 MCM | 19 | 4089 | 6086.6 |