

610 - XHHW-2 - 3 Conductor

Aluminum Interlocked Armor
90°C - 600 Volt
Feeder MC, 3-Conductor, Aluminum
Metal Clad



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Compact stranded aluminum

Category Insulation Description:

- Insulated with heat and moisture resistant Cross-linked Polyethylene (XLPE) (type XHHW-2)

Category Assembly Description:

- Insulated conductors are cabled with a bare ground wire, interstices are filled with suitable non-hygroscopic fillers, as required A binder tape of synthetic material assembles the core in an essentially round configuration

Spec Ground:

- Bare compact stranded AA-8000 series aluminum alloy (ACM)

Armor:

- Aluminum interlocked armor

Applications:

- Power lighting, control and signal circuits and as branch circuits and power feeders in industrial, commercial, institutional and residential installations up to 600 volts
- Fished or embedded in plaster and concrete except in damp or wet locations
- Concealed or exposed applications
- Cable trays and other raceways
- Under raised floors of information technology rooms
- Environmental air-handling spaces per NEC Article 300.22 (C)
- Places of Assembly per NEC Article 518.4 and theaters per NEC Article 520.5
- Suitable for use in hazardous locations: Class I and II, Division 2 as well as Class III, Division 1 and 2

Standards:

- UL 1569
- Meets UL 44, XHHW-2 600 V conductors
- Cable Tray Rated
- NEC Article 330 (can be messenger supported)
- RoHS Compliant

PART NUMBER TABLE

| Part# | Gauge | Conductors | Insulation Thickness | Nominal OD over Armor | Material Weight (Lbs./M') |
|-----------|-------|------------|----------------------|-----------------------|---------------------------|
| MCA10603 | 6 | 3 | 0.045 | .776 | 210 |
| MCA10403 | 4 | 3 | 0.045 | .876 | 285 |
| MCA10203 | 2 | 3 | 0.045 | 1.008 | 396 |
| MCA10103 | 1 | 3 | 0.055 | 1.124 | 503 |
| MCA11/003 | 1/0 | 3 | 0.055 | 1.198 | 586 |
| MCA12/003 | 2/0 | 3 | 0.055 | 1.285 | 687 |
| MCA13/003 | 3/0 | 3 | 0.055 | 1.388 | 814 |
| MCA14/003 | 4/0 | 3 | 0.055 | 1.499 | 992 |
| MCA125003 | 250 | 3 | 0.065 | 1.781 | 1172 |
| MCA135003 | 350 | 3 | 0.065 | 1.859 | 1521 |
| MCA140003 | 400 | 3 | 0.065 | 1.951 | 1709 |
| MCA150003 | 500 | 3 | 0.065 | 2.248 | 2249 |
| MCA175003 | 750 | 3 | 0.08 | 2.68 | 3213 |

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances.