

## 612 - XHHW-2 - 3 Conductor

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



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

### Category Conductor Description:

- Compact stranded aluminum

### 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

### Armor:

- Aluminum interlocked armor

### Standards:

- UL 1569
- Meets UL 44, XHHW-2 600 V conductors
- Cable Tray Rated

### Category Insulation Description:

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

### Spec Ground:

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

### 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

- NEC Article 330 (can be messenger supported)
- RoHS Compliant

**Part Number Table**

<b>Part#</b>	<b>Gauge</b>	<b>Conductors</b>	<b>Insulation Thickness</b>	<b>Nominal OD over Armor</b>	<b>Material Weight (Lbs./M')</b>
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

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