

## 600V - XHHW-2 - 2 & 3 Conductor

Aluminum Interlocked Armor  
90°C - 600 Volt  
Feeder MC, 2 & 3-Conductor



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

### Category Conductor Description:

- Stranded bare copper

### Category Assembly Description:

- Conductors are cabled with suitable fillers if needed and green or bare ground conductor. Cable core is covered with binder tape.

### Armor:

- Aluminum interlocked armor

### Applications:

- Cost effective replacement for conduit and wire
- For service, branch and feeder circuits
- For commercial, industrial & utility applications
- For use in theatres (article 520), motion picture and TV studios (article 530) and places of assembly with more than 100 people
- Suitable for use in hazardous locations: Class I - Div 2 & Class II - Div 2

### Category Insulation Description:

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

### Spec Ground:

- Green Ground (#8 AWG - #1 AWG) Bare Ground (1/0 AWG and larger)

### Category Jacket Description:

- Jacket available upon request

### Standards:

- UL 1569
- ICEA S-95-658/NEMA WC-70
- Cable Tray Rated
- NEC Article 330 (can be messenger supported)
- Flame Rated: Two-hour Firewall
- RoHS Compliant

**Part Number Table**

| <b>Part#</b> | <b>Houston Wire &amp; Cable</b> | <b>Gauge</b> | <b>Conductors</b> | <b>Stranding</b> | <b>Ground Gauge</b> | <b>Insulation Thickness</b> | <b>Nominal OD over Armor</b> | <b>Material Weight (Lbs./M')</b> |
|--------------|---------------------------------|--------------|-------------------|------------------|---------------------|-----------------------------|------------------------------|----------------------------------|
| MC10802      |                                 | 8            | 2                 | 7                | 10                  | 0.045                       | .710                         | 259                              |
| MC10803      |                                 | 8            | 3                 | 7                | 10                  | 0.045                       | .810                         | 339                              |
| MC10602      |                                 | 6            | 2                 | 7                | 8                   | 0.045                       | .810                         | 366                              |
| MC10603      | 6-03MCGCU                       | 6            | 3                 | 7                | 8                   | 0.045                       | .950                         | 480                              |
| MC10403      | 4-03MCGCU                       | 4            | 3                 | 7                | 8                   | 0.045                       | 1.01                         | 659                              |
| MC10303      | 3-03MCGCU                       | 3            | 3                 | 7                | 6                   | 0.045                       | 1.09                         | 808                              |
| MC10203      | 2-03MCGCU                       | 2            | 3                 | 7                | 6                   | 0.045                       | 1.15                         | 960                              |
| MC10103      | 1-03MCGCU                       | 1            | 3                 | 19               | 6                   | 0.055                       | 1.27                         | 1190                             |
| MC11/003     |                                 | 1/0          | 3                 | 19               | 6                   | 0.055                       | 1.31                         | 1409                             |
| MC12/003     |                                 | 2/0          | 3                 | 19               | 6                   | 0.055                       | 1.37                         | 1697                             |
| MC13/003     |                                 | 3/0          | 3                 | 19               | 4                   | 0.055                       | 1.51                         | 2118                             |
| MC14/003     |                                 | 4/0          | 3                 | 19               | 4                   | 0.055                       | 1.63                         | 2577                             |
| MC125003     |                                 | 250          | 3                 | 37               | 4                   | 0.065                       | 1.81                         | 3107                             |
| MC130003     |                                 | 300          | 3                 | 37               | 3                   | 0.065                       | 1.93                         | 3674                             |
| MC135003     |                                 | 350          | 3                 | 37               | 3                   | 0.065                       | 2.03                         | 4201                             |
| MC140003     |                                 | 400          | 3                 | 37               | 3                   | 0.065                       | 2.13                         | 4724                             |
| MC150003     |                                 | 500          | 3                 | 37               | 2                   | 0.065                       | 2.29                         | 5798                             |
| MC160003     |                                 | 600          | 3                 | 61               | 2                   | 0.08                        | 2.55                         | 6936                             |
| MC175003     |                                 | 750          | 3                 | 61               | 1                   | 0.08                        | 2.77                         | 8537                             |

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

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