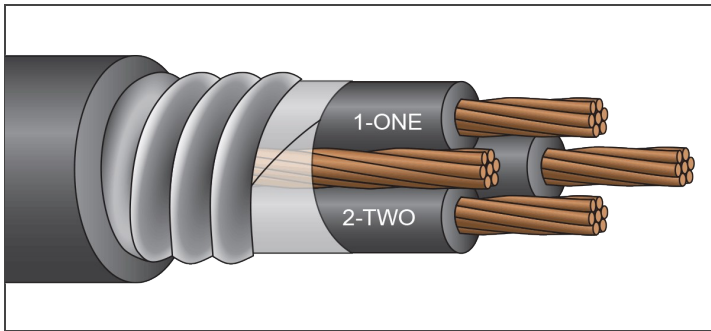


## ARMORED CABLES



## JACKETED MC

### XHHW-2

600 Volt Copper  
3 Conductor



### Description:

Three copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (*type XHHW-2*), phase identified and cabled together with suitable fillers (*when necessary*) and bare copper ground conductor. Cable core covered with mylar binder tape and aluminum or galvanized steel interlocked armor with overall black PVC jacket. **Jacket available in colors.**

### Application:

Suitable for use in hazardous locations: Class I - Div 2, Class II - Div 2.

### Standards:

UL 1569  
 ICEA S-95-658/NEMA WC-70  
 Flame Rated: CT Use, IEEE 383 (70,000 BTU), ICEA T-29-520 (210,000 BTU), IEEE 1202/CSA FT-4, Two-hour Firewall  
 Temperature Rated at 90°C Wet/Dry  
 Sunlight Resistant, Gasoline and Oil Resistant II Jacket  
 Direct Burial (*includes encasement in concrete*)  
 Color Code: Black and Numbered (*optional color codes available*)  
 RoHS Compliant

| Part Number | Size<br>(AWG or Kcmil) | Strand<br>(no.) | Insulation<br>Thickness<br>(mils) | Grounding<br>Conductor<br>(AWG) | Diameter<br>Over Armor<br>(in.) | Jacket<br>Thickness<br>(mils) | Approx.<br>Diameter Overall<br>(in.) | Approx.<br>Net Weight<br>Aluminum Armor<br>(lb./1000') | Approx.<br>Net Weight<br>Galvanized Armor<br>(lb./1000') | Ampacity*<br>(30°C ambient) 90°C Wet/Dry |
|-------------|------------------------|-----------------|-----------------------------------|---------------------------------|---------------------------------|-------------------------------|--------------------------------------|--------------------------------------------------------|----------------------------------------------------------|------------------------------------------|
| AAP8/3      | 8                      | 7               | 45                                | 10                              | 0.73                            | 50                            | 0.83                                 | 399                                                    | 482                                                      | 55                                       |
| AAP6/3      | 6                      | 7               | 45                                | 8                               | 0.81                            | 50                            | 0.91                                 | 540                                                    | 636                                                      | 75                                       |
| AAP4/3      | 4                      | 7               | 45                                | 8                               | 0.91                            | 50                            | 1.01                                 | 725                                                    | 846                                                      | 95                                       |
| AAP3/3      | 3                      | 7               | 45                                | 6                               | 0.97                            | 50                            | 1.07                                 | 881                                                    | 1,002                                                    | 115                                      |
| AAP2/3      | 2                      | 7               | 45                                | 6                               | 1.03                            | 50                            | 1.13                                 | 1,035                                                  | 1,166                                                    | 130                                      |
| AAP1/3      | 1                      | 19              | 55                                | 6                               | 1.15                            | 50                            | 1.25                                 | 1,254                                                  | 1,404                                                    | 145                                      |
| AAP1/03     | 1/0                    | 19              | 55                                | 6                               | 1.31                            | 50                            | 1.41                                 | 1,537                                                  | 1,771                                                    | 170                                      |
| AAP2/03     | 2/0                    | 19              | 55                                | 6                               | 1.37                            | 50                            | 1.47                                 | 1,831                                                  | 2,099                                                    | 195                                      |
| AAP3/03     | 3/0                    | 19              | 55                                | 4                               | 1.51                            | 60                            | 1.63                                 | 2,295                                                  | 2,555                                                    | 225                                      |
| AAP4/03     | 4/0                    | 19              | 55                                | 4                               | 1.63                            | 60                            | 1.75                                 | 2,768                                                  | 3,085                                                    | 260                                      |
| AAP250/3    | 250                    | 37              | 65                                | 4                               | 1.75                            | 60                            | 1.87                                 | 3,280                                                  | 3,625                                                    | 290                                      |
| AAP300/3    | 300                    | 37              | 65                                | 3                               | 1.85                            | 60                            | 1.97                                 | 3,849                                                  | 4,228                                                    | 320                                      |
| AAP350/3    | 350                    | 37              | 65                                | 3                               | 1.95                            | 60                            | 2.07                                 | 4,386                                                  | 4,787                                                    | 350                                      |
| AAP400/3    | 400                    | 37              | 65                                | 3                               | 2.05                            | 60                            | 2.17                                 | 4,919                                                  | 5,344                                                    | 380                                      |
| AAP500/3    | 500                    | 37              | 65                                | 2                               | 2.25                            | 60                            | 2.37                                 | 6,026                                                  | 6,476                                                    | 430                                      |
| AAP600/3    | 600                    | 61              | 80                                | 2                               | 2.45                            | 75                            | 2.60                                 | 7,229                                                  | 7,735                                                    | 475                                      |
| AAP750/3    | 750                    | 61              | 80                                | 1                               | 2.69                            | 75                            | 2.84                                 | 8,866                                                  | 9,416                                                    | 535                                      |

\*Per NEC Table 310.15 (B)(16). Four-conductor ampacity assumes three are hot and one is neutral. NOTE: The data shown is approximate and subject to standard industry tolerances.