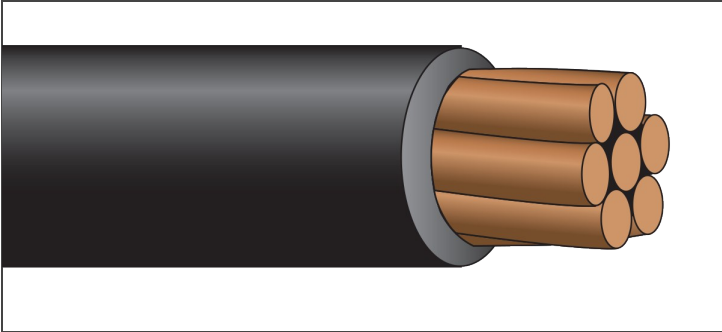


## SINGLE CONDUCTOR



## XHHW-2

### CT Rated

600/1,000 Volt Copper



### Description:

Single copper conductor, stranded and insulated with moisture, heat and flame resistant, chemically crosslinked polyethylene. **Available in colors.**

### Application:

Suitable for general purpose wiring, for power distribution and branch circuit wiring where a cable having superior flame retardance is required. Suitable for use in 105°C dry systems. Also suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less (*Hospital Grade*).

### Standards:

ASTM Standards: B-3 (*soft or annealed*), B-8 (*concentric lay stranded*), B-787 (*combination strand*)

UL 44, C(UL)US RW90: CSA/UL Listed

ICEA S-95-658/NEMA WC-70

Federal Spec. A-A-59544

Flame Rated: CT Use (*1/0 AWG and larger*)

Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -40°C

Sunlight Resistant, Gasoline and Oil Resistant II

Appliance Wiring Material: Style 3578

RoHS Compliant

| Part Number | Size<br>(AWG or Kcmil) | Strand<br>(no.) | Insulation Thickness<br>(mils) | Nominal Diameter Overall<br>(in.) | Approx. Net Weight<br>(lb./1000') | Ampacity*<br>90°C Wet/Dry |
|-------------|------------------------|-----------------|--------------------------------|-----------------------------------|-----------------------------------|---------------------------|
| XH14BK      | 14                     | 7               | 30                             | 0.133                             | 18                                | 35†                       |
| XH12BK      | 12                     | 7               | 30                             | 0.152                             | 27                                | 40†                       |
| XH10BK      | 10                     | 7               | 30                             | 0.175                             | 39                                | 55†                       |
| XH8BK       | 8                      | 7               | 45                             | 0.233                             | 64                                | 80                        |
| XH6BK       | 6                      | 7               | 45                             | 0.271                             | 97                                | 105                       |
| XH4BK       | 4                      | 7               | 45                             | 0.320                             | 149                               | 140                       |
| XH3BK       | 3                      | 7               | 45                             | 0.344                             | 185                               | 165                       |
| XH2BK       | 2                      | 7               | 45                             | 0.374                             | 230                               | 190                       |
| XH1BK       | 1                      | 19              | 55                             | 0.426                             | 291                               | 220                       |
| XH1/0BK     | 1/0                    | 19              | 55                             | 0.467                             | 366                               | 260                       |
| XH2/0BK     | 2/0                    | 19              | 55                             | 0.512                             | 456                               | 300                       |
| XH3/0BK     | 3/0                    | 19              | 55                             | 0.560                             | 569                               | 350                       |
| XH4/0BK     | 4/0                    | 19              | 55                             | 0.619                             | 711                               | 405                       |
| XH250BK     | 250                    | 37              | 65                             | 0.702                             | 835                               | 455                       |
| XH300BK     | 300                    | 37              | 65                             | 0.759                             | 996                               | 500                       |
| XH350BK     | 350                    | 37              | 65                             | 0.806                             | 1,155                             | 570                       |
| XH400BK     | 400                    | 37              | 65                             | 0.851                             | 1,314                             | 615                       |
| XH500BK     | 500                    | 37              | 65                             | 0.926                             | 1,631                             | 700                       |
| XH600BK     | 600                    | 61              | 80                             | 1.047                             | 1,967                             | 780                       |
| XH750BK     | 750                    | 61              | 80                             | 1.145                             | 2,441                             | 885                       |

\*Per NEC Table 310.15 (B)(17). †The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-17 footnote. NOTE: The data shown is approximate and subject to standard industry tolerances.