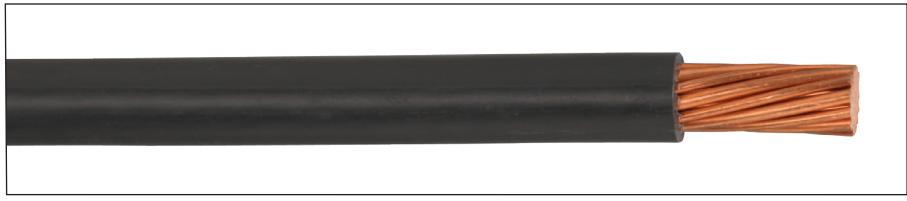


XHHW-2 CT High Speed (HS)¹

XLPE, Control and Low-Voltage Power
600 V, UL Type XHHW-2, CT Rated, Single Conductor, Copper



Product Construction:

- Conductor:**
- 14 AWG thru 750 kcmil bare annealed compressed copper per ASTM B3
 - Class B stranding per ASTM B8
- Insulation:**
- Flame-retardant Cross-linked Polyethylene (XLPE)

- Print:**
- GENERAL CABLE® (PLANT OF MFG) 1C SIZE AWG (SIZE MM²) HIGH SPEED TYPE XHHW-2 (UL) 600 V SUN RES FOR CT USE MONTH/YEAR SEQUENTIAL FOOTAGE MARK
 - ¹ Sizes 14 AWG - 10 AWG do not include "HIGH SPEED"
 - [†] Sizes smaller than 1/0 AWG do not include "FOR CT USE"

| CATALOG NUMBER | COND. SIZE (AWG/kcmil) | NO. OF WIRES | NOM. COND. DIAMETER | | MIN. AVG. INSULATION THICKNESS | | NOM. CABLE DIAMETER | | COPPER WEIGHT | | NET WEIGHT | | AMPACITY (1) 30°C AMBIENT | |
|----------------|------------------------|--------------|---------------------|----|--------------------------------|----|---------------------|----|---------------|-------|-------------|-------|---------------------------|-------|
| | | | IN | mm | IN | mm | IN | mm | LBS/1000 FT | kg/km | LBS/1000 FT | kg/km | @75°C | @90°C |

14 AWG - 750 kcmil CONDUCTORS

| | | | | | | | | | | | | | | |
|----------|-----|----|------|-------|-------|------|------|-------|------|------|------|------|-----|-----|
| 391070 | 14 | 7 | 0.07 | 1.78 | 0.030 | 0.76 | 0.13 | 3.30 | 12 | 18 | 17 | 25 | 20 | 25 |
| 391080 | 12 | 7 | 0.09 | 2.29 | 0.030 | 0.76 | 0.15 | 3.81 | 20 | 30 | 26 | 39 | 25 | 30 |
| 391090 | 10 | 7 | 0.11 | 2.79 | 0.030 | 0.76 | 0.18 | 4.57 | 32 | 48 | 38 | 57 | 35 | 40 |
| 5175.008 | 8 | 7 | 0.14 | 3.56 | 0.045 | 1.14 | 0.24 | 6.10 | 51 | 76 | 65 | 97 | 50 | 55 |
| 5175.006 | 6 | 7 | 0.18 | 4.57 | 0.045 | 1.14 | 0.28 | 7.11 | 81 | 121 | 99 | 147 | 65 | 75 |
| 5175.004 | 4 | 7 | 0.23 | 5.84 | 0.045 | 1.14 | 0.33 | 8.38 | 129 | 192 | 152 | 226 | 85 | 95 |
| 5175.002 | 2 | 7 | 0.29 | 7.37 | 0.045 | 1.14 | 0.39 | 9.91 | 205 | 305 | 233 | 347 | 115 | 130 |
| 5175.001 | 1 | 19 | 0.32 | 8.13 | 0.055 | 1.40 | 0.44 | 11.18 | 256 | 381 | 293 | 436 | 130 | 145 |
| 5175.110 | 1/0 | 19 | 0.36 | 9.14 | 0.055 | 1.40 | 0.48 | 12.19 | 326 | 485 | 364 | 542 | 150 | 170 |
| 5175.210 | 2/0 | 19 | 0.41 | 10.41 | 0.055 | 1.40 | 0.53 | 13.46 | 411 | 612 | 453 | 674 | 175 | 195 |
| 5175.310 | 3/0 | 19 | 0.46 | 11.68 | 0.055 | 1.40 | 0.58 | 14.73 | 518 | 771 | 565 | 841 | 200 | 225 |
| 5175.410 | 4/0 | 19 | 0.51 | 12.95 | 0.055 | 1.40 | 0.63 | 16.00 | 653 | 972 | 706 | 1051 | 230 | 260 |
| 5175.250 | 250 | 37 | 0.56 | 14.22 | 0.065 | 1.65 | 0.70 | 17.78 | 722 | 1074 | 837 | 1246 | 255 | 290 |
| 5175.350 | 350 | 37 | 0.66 | 16.76 | 0.065 | 1.65 | 0.80 | 20.32 | 1081 | 1609 | 1157 | 1722 | 310 | 350 |
| 5175.500 | 500 | 37 | 0.79 | 20.07 | 0.065 | 1.65 | 0.93 | 23.62 | 1544 | 2298 | 1634 | 2432 | 380 | 430 |
| 5175.600 | 600 | 37 | 0.87 | 22.10 | 0.080 | 2.03 | 1.04 | 26.42 | 1853 | 2758 | 1972 | 2935 | 420 | 475 |
| 5175.750 | 750 | 61 | 0.98 | 24.89 | 0.080 | 2.03 | 1.15 | 29.21 | 2316 | 3447 | 2448 | 3643 | 475 | 535 |

Dimensions and weights are nominal; subject to industry tolerances.
(1) Allowable ampacities shown are for general use as specified by the National Electric Code. Adjustment and corrections may apply.

- Options:**
- Tinned copper conductor
 - Full colored insulation
- Applications:**
- General purpose building wire for use primarily in conduit or other recognized raceways as specified in the National Electrical Code (NEC®)
 - Industrial environments where superior insulation toughness and chemical resistance are required
 - Maximum operating temperature not to exceed 90°C wet or dry locations
 - In free air, raceways or cable trays in accordance with NEC

- Features:**
- "FOR CT USE" on 1/0 AWG and larger
 - Sunlight-resistant for 1/0 AWG and larger, black only
 - Rated at 90°C wet or dry
 - Smaller cable O.D.
 - Excellent electrical, thermal and physical properties
 - Excellent resistance to moisture
 - Excellent resistance to crush, compression cuts and heat deformation
 - High Speed (HS) cable features a specially designed XLPE insulation that allows for fast and easy cable pulls - 8 AWG and larger
 - Meets cold bend and cold impact tests at -25°C

- Compliances:**
- Industry Compliances:**
- National Electric Code (NEC®)
 - UL 44 Standard for Rubber Insulated Wire and Cable
 - ICEA S-95-658/NEMA WC70
 - UL listed as Type 2, UL File #E90494
- Flame Test Compliances:**
- UL 1685, Method 1
- Other Compliances:**
- EPA 40 Cert, Part 261 for leachable lead content per TCLP
 - RoHS Compliant
 - OSHA Acceptable

- Packaging:**
- Material cut to length and shipped on non-returnable wood reels



Copper U.S. Market