



XHHW-2

CT Rated 600 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 AWG or Kcmil	Strand (no.)	Insulation Thickness (mils)	Nominal Diameter Overall (inch)	Approx. Net Weight (lb/1000')	Ampacity* 90°C Wet/Dry
XH14BK	14	7	30	0.133	18	35†
XH12BK	12	7	30	0.152	27	40†
XH10BK	10	7	30	0.176	39	55†
XH8BK	8	7	45	0.236	63	80
XH6BK	6	7	45	0.274	96	105
XH4BK	4	7	45	0.322	147	140
XH3BK	3	7	45	0.350	182	165
XH2BK	2	7	45	0.382	227	190
XH1BK	1	19	55	0.431	288	220
XH1/0BK	1/0	19	55	0.470	361	260
XH2/0BK	2/0	19	55	0.514	450	300
XH3/0BK	3/0	19	55	0.564	561	350
XH4/0BK	4/0	19	55	0.620	701	405
XH250BK	250	37	65	0.705	840	455
XH300BK	300	37	65	0.759	993	500
XH350BK	350	37	65	0.811	1,161	570
XH400BK	400	37	65	0.858	1,311	615
XH500BK	500	37	65	0.943	1,639	700
XH600BK	600	61	80	1.053	1,968	780
XH750BK	750	61	80	1.158	2,460	885

XLPE, XHHW-2, CT

*Per NEC-Table 310-17.

†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.