



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	0.175	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

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.