



XHHW-2

VW-1, 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)
- B787 (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/IEEE 1202 (1/0 AWG and larger)

FT-4 (1/0 AWG and larger)

Temperature Rated at 90°C Wet/Dry

Cold Temperature Rated at -40°C

Sunlight Resistant (#6 AWG and larger)

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	
XLPE, XHHW-2, VW-1	XHVV14BK	14	7	30	0.133	19	35†
	XHVV12BK	12	7	30	0.152	28	40†
	XHVV10BK	10	7	30	0.175	41	55†
	XHVV8BK	8	7	45	0.233	66	80
	XHVV6BK	6	7	45	0.271	102	105
	XHVV4BK	4	7	45	0.320	155	140
	XHVV3BK	3	7	45	0.344	185	165
	XHVV2BK	2	7	45	0.374	238	190
	XHVV1BK	1	19	55	0.426	301	220
	XHVV1/0BK	1/0	19	55	0.467	374	260
	XHVV2/0BK	2/0	19	55	0.512	465	300
	XHVV3/0BK	3/0	19	55	0.560	579	350
	XHVV4/0BK	4/0	19	55	0.619	723	405
	XHVV250BK	250	37	65	0.702	850	455
	XHVV300BK	300	37	65	0.759	997	500
	XHVV350BK	350	37	65	0.806	1,173	570
	XHVV400BK	400	37	65	0.851	1,314	615
XHVV500BK	500	37	65	0.926	1,651	700	
XHVV600BK	600	61	80	1.047	1,972	780	
XHVV750BK	750	61	80	1.145	2,444	885	

*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.