



USE-2 or RHH/RHW-2

**VW-1, CT Rated
600 Volt Copper**

Description:

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

Application:

Suitable for use in general purpose wiring applications and may be installed in raceway, conduit, direct burial and aerial installations 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 and UL 854
 C(UL)US RW90 1kV: CSA/UL Listed
 C(UL) RPV90 600V
 ICEA S-95-658/NEMA WC-70
 L-824C (#12AWG - 4/0)
 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
 Direct Burial
 RoHS Compliant

Part Number	Size AWG or Kcmil	Strand (no.)	Insulation Thickness (mils)	Approx. Diameter Overall (inch)	Approx. Net Weight (lb/1000')	Ampacity* 90°C Wet/Dry
USEVW14BK	14	7	45	0.163	23	35†
USEVW12BK	12	7	45	0.182	32	40†
USEVW10BK	10	7	45	0.205	46	55†
USEVW8BK	8	7	60	0.263	73	80
USEVW6BK	6	7	60	0.301	110	105
USEVW4BK	4	7	60	0.350	164	140
USEVW3BK	3	7	60	0.374	201	165
USEVW2BK	2	7	60	0.404	248	190
USEVW1BK	1	19	80	0.476	321	220
USEVW1/0BK	1/0	19	80	0.517	395	260
USEVW2/0BK	2/0	19	80	0.562	489	300
USEVW3/0BK	3/0	19	80	0.610	605	350
USEVW4/0BK	4/0	19	80	0.669	752	405
USEVW250BK	250	37	95	0.762	902	455
USEVW300BK	300	37	95	0.819	1,067	500
USEVW350BK	350	37	95	0.866	1,217	570
USEVW400BK	400	37	95	0.911	1,391	615
USEVW500BK	500	37	95	0.986	1,702	700
USEVW600BK	600	61	110	1.107	2,073	780
USEVW750BK	750	61	110	1.205	2,554	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.