

**RHH or RHW-2, VW-1  
FR-CROSS-LINKED POLYETHYLENE INSULATION, 600 VOLT**

**SPEC 1-60-2**

Ver. 7.2  
Revised: 03/02/11



90°C CONDUCTOR TEMPERATURE, WET OR DRY							
	Conductor			Insulation in Mils	Approximate O.D. in Inches	Ampacity* 90°C	Approximate Net Weight LBS/KFT
	Size AWG or KCMIL	No. of Strands*	Nominal O.D.				
<b>SINGLE CONDUCTOR 600 VOLT</b>							
<b>NON STOCK ITEM. PLEASE CONSULT FACTORY</b>	8	7	0.14	60	0.27	55	75
	6	7	0.18	60	0.31	75	105
	4	7	0.23	60	0.36	95	160
	3	7	0.25	60	0.38	110	200
	2	7	0.28	60	0.42	130	245
	1	19	0.32	80	0.50	150	320
	1/0	19	0.36	80	0.54	170	390
	2/0	19	0.41	80	0.58	195	485
	3/0	19	0.46	80	0.63	225	600
	4/0	19	0.51	80	0.69	260	740
	250	37	0.56	95	0.77	290	890
	300	37	0.61	95	0.82	320	1060
	350	37	0.66	95	0.88	350	1215
	400	37	0.71	95	0.92	380	1375
	500	37	0.79	95	1.01	430	1700
	600	61	0.87	110	1.11	475	2050
	750	61	0.97	110	1.21	535	2535
1000	61	1.12	110	1.35	615	3335	

**Note:** \*Based on not more than three conductors in raceway, direct burial, 90°C conductor temperature and 30°C ambient.  
\*19 stranding is combination unilay per ASTM 787.

The above data is approximate and subject to normal manufacturing tolerances.

**SAMPLE LEGEND (BLACK ONLY):**

2 AWG (33.6mm<sup>2</sup>) TYPE RHW-2 OR USE-2 VW-1 600V SUN-RES (UL) E63678  
1/0 AWG (53.5mm<sup>2</sup>) TYPE RHW-2 OR USE-2 VW-1 600V FOR CT USE (UL) E63678

**LISTINGS AND RATINGS:**

1. Listed by UL as Type RHW-2 VW-1 per Standard UL 44.
2. Sizes 1/0 AWG and larger are listed by UL for CT Use per Standard UL 1685.
3. Sizes 1/0 AWG and larger pass IEEE 383 & 1202 (FT4) Vertical Tray Flame Tests.
4. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.
5. Conforms to Federal Specification J-C-30B.

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