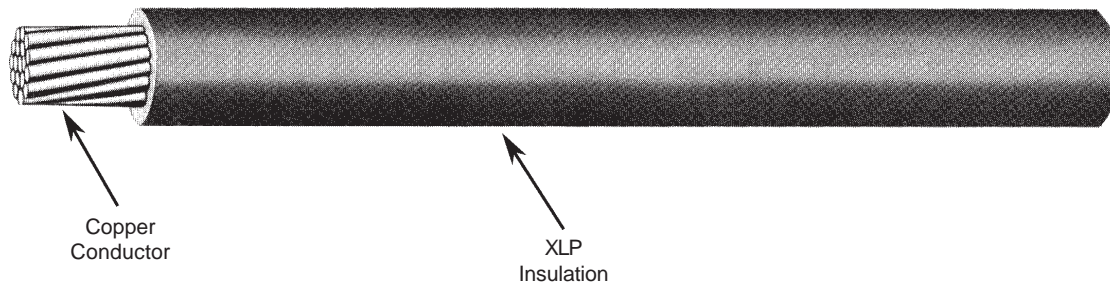


**RW90 1000V/RHH or RHW-2 or USE-2 600V  
FR-CROSS-LINKED POLYETHYLENE INSULATION**

**SPEC 100-1-1RW**  
Revised: 10/19/06



**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.				

**SINGLE CONDUCTOR 600/1000 VOLT**

8	7	0.14	60	0.27	55	69
6	7	0.18	60	0.31	75	103
4	7	0.23	60	0.36	95	155
3	7	0.25	60	0.38	110	191
2	7	0.28	60	0.42	130	236
1	19	0.32	80	0.50	150	307
1/0	19	0.36	80	0.54	170	379
2/0	19	0.41	80	0.58	195	469
3/0	19	0.46	80	0.63	225	582
4/0	19	0.51	80	0.69	260	724
250	37	0.56	95	0.77	290	865
300	37	0.61	95	0.82	320	1027
350	37	0.66	95	0.88	350	1188
400	37	0.71	95	0.92	380	1349
500	37	0.79	95	1.01	430	1670
600	61	0.87	110	1.11	475	2014
750	61	0.97	110	1.21	535	2493
1000	61	1.12	110	1.35	615	3290

**Note:** \*Based on not more than three conductors in raceway, direct burial, 90°C conductor temperature and 30°C ambient. The above data is approximate and subject to normal manufacturing tolerances.  
\*19 stranding is combination unilay per ASTM 787.

**SAMPLE LEGEND (BLACK ONLY):**

2AWG TYPE RHW-2 OR USE-2 600V SUN-RES GASOLINE & OIL RESISTANT I & II (UL) E63541/XLPE  
RW90 1000V (-40C) CSA LL82214 (YEAR)

**LISTINGS AND RATINGS:**

1. Listed as Type RW90 1000V by CSA per CSA C22.2 No. 38.
2. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.
3. Listed by UL as Type USE-2 600 Volt per Standard UL 854.
4. Listed by UL as Type RHW-2 600 Volt per Standard UL 44.
5. Listed by UL as Sunlight Resistant (black color only).

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