

**RWU90 1000V/RHW-2 2000V  
FR-CROSS-LINKED POLYETHYLENE INSULATION**

**SPEC 100-1-1RWU**

Ver. 7.2  
Revised: 03/14/11



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 1000 VOLT</b>						
8	7	0.14	80	0.32	45	77
6	7	0.18	80	0.35	65	110
4	7	0.23	80	0.40	85	165
2	7	0.28	80	0.46	120	248
1	19	0.32	95	0.53	140	318
1/0	19	0.36	95	0.57	155	390
2/0	19	0.41	95	0.61	185	480
3/0	19	0.46	95	0.67	210	595
4/0	19	0.51	95	0.72	235	738
250	37	0.56	110	0.80	265	880
300	37	0.61	110	0.85	295	1040
350	37	0.66	110	0.90	325	1205
400	37	0.71	110	0.95	345	1368
500	37	0.79	110	1.03	395	1688
600	61	0.87	125	1.14	455	2035
750	61	0.97	125	1.24	500	2515
1000	61	1.12	125	1.39	585	3315

**Note:** \*Based on cables in raceway (3 conductors), per CEC Part 1, Table 2. For other installations refer to the CEC.  
\*19W strand is combination unilay per ASTM 787.

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

**SAMPLE LEGEND (BLACK ONLY):**

(SFM) 2AWG TYPE RHW-2 2000V SUN-RES GASOLINE & OIL RESISTANT I & II (UL) E63539/ XLPE RWU90 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 RHW-2 2000V per Standard UL 44.
4. Listed by UL as Sunlight Resistant (black color only) & Oil & Gasoline Resistant I & II by UL.
5. RoHS Compliant.

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