



1 Conductor RWU90 1000V CSA

1C	Part No.	Conductor Size		Cable O.D.		Cable Weight		Max Pulling Tension		Resistance at 25°C	Ampacity
		AWG/kcmil	in	mm	lbs/Mft	kg/km	lbs	kg	Ω/Mft	A	
	91408	8	0.294	7.47	42	62	99	45	0.902	45	
	91406	6	0.316	8.03	51	76	157	71	0.661	55	
	91404	4	0.373	9.47	71	105	250	114	0.416	75	
	91403	3	0.400	10.16	84	125	316	143	0.327	85	
	91402	2	0.430	10.92	100	149	398	181	0.261	100	
	91401	1	0.490	12.45	131	195	502	228	0.207	115	
	91401/0	1/0	0.533	13.54	157	233	634	288	0.165	135	
	91402/0	2/0	0.567	14.40	187	278	799	362	0.130	150	
	91403/0	3/0	0.590	14.99	223	332	1007	457	0.103	175	
	91404/0	4/0	0.679	17.25	277	412	1270	576	0.079	205	
	914250	250	0.755	19.18	341	507	1500	680	0.067	230	
	914350	350	0.851	21.62	454	676	2100	953	0.050	280	
	914500	500	0.961	24.41	619	922	3000	1361	0.035	350	
	914600	600	1.076	27.34	751	1117	4000	1814	0.029	385	
	914750	750	1.182	30.01	915	1361	4500	2041	0.023	435	

Ampacity values based on CEC Part I 2018, Table 4. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RWU90)
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant SUN RES

Conductor Stranded AA-8000 Series Aluminum Alloy (ACM)

Insulation Cross-linked Polyethylene Insulation (XLPE) CSA Type XL 90°C dry/wet 1000V

Applications

- For exposed wiring and raceways (except cable tray) in wet and dry locations.
- For direct earth burial (with protection as required by inspection).
- Minimum recommended installation temperature of minus 40°C with proper handling procedures.
- Cables marked SUN RES are also for outdoor use and exposed wiring subjected to the weather.