



3 Conductor RWU90 1000V CSA

3C	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
	9140603	6	0.676	17.18	155	230	315	143	0.661	55
	9140403	4	0.798	20.27	213	318	501	227	0.416	75
	9140303	3	0.856	21.75	253	377	631	286	0.327	85
	9140203	2	0.920	23.37	302	450	797	361	0.261	100
	9140103	1	1.049	26.64	395	588	1004	455	0.207	115
	91401/003	1/0	1.141	28.97	472	703	1268	575	0.165	135
	91402/003	2/0	1.213	30.82	564	839	1597	725	0.130	150
	91403/003	3/0	1.263	32.07	672	1000	2015	914	0.103	175
	91404/003	4/0	1.453	36.91	834	1241	2439	1106	0.079	205
	91425003	250	1.616	41.04	1027	1529	3000	1361	0.067	230
	91435003	350	1.821	46.26	1369	2037	4200	1905	0.050	280
	91450003	500	2.057	52.24	1867	2779	6000	2722	0.035	350
	91460003	600	2.303	58.50	2263	3368	8000	3629	0.029	385
	91475003	750	2.529	64.23	2758	4105	9000	4083	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

Assembly Cabled without a bonding conductor

Colour Code Black, Red and Blue or Black with Coloured Stripe

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.