



1 Conductor RPVU90 2000V CSA

2000V	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
	935250	250	0.755	19.18	341	507	1500	680	0.067	230
	935350	350	0.851	21.62	454	676	2100	953	0.050	280
	935500	500	0.961	24.41	619	922	3000	1361	0.035	350
	935600	600	1.076	27.34	751	1117	4000	1814	0.029	385
	935750	750	1.182	30.01	915	1361	4500	2041	0.023	435

Ampacity values based on CE Code Part I 2024, Table 4. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 271 Photovoltaic cables (Type RPVU90)
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RWU90)
- CSA C22.2 No. 2556 FT4, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, SUN RES all colours, Direct Burial

Conductor

Stranded AA-8000 Series Aluminum Alloy (ACM)

Insulation

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

Applications

- For interconnection of solar photovoltaic systems. See CE Code Part I Section 64-210.
- For use in raceways (1/0 and larger is Tray Cable approved as per CE Code Part I Section 64-210), ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums, direct burial, exposed and concealed wiring.