



3 Conductor ACWU90 600V CSA FT4

3C	Part No.	Power Conductor	Bonding Conductor	Insulation Thickness		Armour O.D.		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
		AWG/kcmil	AWG	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	A
	9190603	6	8	0.045	1.14	0.820	20.83	0.905	22.99	307	457	526	239	12.7	322	55
	9190403	4	6	0.045	1.14	0.938	23.83	1.022	25.96	378	563	832	377	14.3	363	75
	9190203	2	6	0.045	1.14	1.046	26.57	1.130	28.70	577	859	1322	600	15.8	402	100
	9190103	1	4	0.055	1.40	1.164	29.57	1.248	31.70	590	878	1653	750	17.5	444	115
	91901/003	1/0	4	0.055	1.40	1.250	31.75	1.334	33.88	828	1233	2081	944	18.7	474	135
	91902/003	2/0	4	0.055	1.40	1.340	34.04	1.425	36.20	956	1423	2696	1223	20.0	507	150
	91903/003	3/0	4	0.055	1.40	1.415	35.94	1.500	38.10	1097	1632	3375	1531	21.0	533	175
	91904/003	4/0	4	0.055	1.40	1.525	38.74	1.625	41.28	1291	1922	4199	1905	22.8	578	205
	91925003	250	2	0.065	1.65	1.670	42.42	1.770	44.96	1605	2389	5152	2337	24.8	629	230
	91930003	300	2	0.065	1.65	1.740	44.20	1.840	46.74	1931	2874	5807	2634	25.8	654	260
	91935003	350	2	0.065	1.65	1.880	47.75	1.965	49.91	2064	3072	7396	3355	27.5	699	280
	91940003	400	2	0.065	1.65	1.950	49.53	2.050	52.07	2196	3268	7960	3611	28.7	729	305
	91950003	500	1	0.065	1.65	2.219	56.36	2.319	58.90	2764	4113	9804	4447	32.5	825	350
	91960003	600	1	0.080	2.03	2.453	62.31	2.583	65.61	3267	4862	12103	5490	36.2	919	385
	91975003	750	1/0	0.080	2.03	2.667	67.74	2.797	71.04	3329	4954	15568	7062	39.2	995	435
	919100003	1000	1/0	0.080	2.03	2.930	74.42	3.060	77.72	4391	6535	20608	9348	42.8	1088	500

Ampacity values based on CE Code Part I 2021, Table 4. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 51, Armoured Cables (Type ACWU90)
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations
- CSA C22.2 No. 2556, FT4 Vertical-Tray Flame Test
- -40°C Cold Bend and -40°C Cold Impact

Conductor Stranded AA-8000 Series Aluminum Alloy (ACM)

Insulation Cross-linked Polyethylene Insulation (XLPE)
CSA Type XL 90°C dry/wet 600V

Bonding Stranded AA-8000 Series Aluminum Alloy (ACM)

Armour Aluminum Interlock Armour

Jacket Low Acid Gas Polyvinyl Chloride (PVC)

Applications

- For wet and dry locations.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For direct earth burial with protection and service entrance above or below ground.
- Use in ventilated, non-ventilated and ladder-type cable trays.
- Approved for hazardous locations when installed with approved connectors.