

CONSTRUCTION – PVC CABLES 0.6 / 1 kV – CONTROL 1.5MM² 2-50C+E SWA

Physical & Electrical Characteristics

Product code	Cable									Min. installed bending radius mm
	Conductor nominal C.S.A. mm²	Number of cores	Nominal insulation thickness mm	Diameter under armour		Armour wire diameter mm	Overall diameter		Approx. mass kg/100 m	
				Minimum mm	Maximum mm		Minimum mm	Maximum mm		
1.52CECONA	1.5	2	0.8	8.4	9.1	1.25	14.5	15.6	48	190
1.53CECONA	1.5	3	0.8	9.3	9.9	1.25	15.4	16.4	54	200
1.54CECONA	1.5	4	0.8	10.2	10.9	1.25	16.3	17.3	61	210
1.55CECONA	1.5	5	0.8	11.5	12.3	1.25	17.7	18.7	66	230
1.56CECONA	1.5	6	0.8	11.5	12.3	1.25	17.7	18.7	68	230
1.57CECONA	1.5	7	0.8	13.5	14.2	1.25	19.6	20.6	78	250
1.58CECONA	1.5	8	0.8	14.4	15.2	1.25	20.5	21.6	85	260
1.510CECONA	1.5	10	0.8	14.7	15.4	1.25	20.8	21.9	89	260
1.512CECONA	1.5	12	0.8	15.2	15.8	1.25	21.3	22.3	95	270
1.515CECONA	1.5	15	0.8	16.8	17.6	1.25	22.9	24.1	109	290
1.520CECONA	1.5	20	0.8	19.7	20.5	1.60	26.5	27.6	146	340
1.525CECONA	1.5	25	0.8	20.9	21.7	1.60	27.7	28.8	160	350
1.530CECONA	1.5	30	0.8	23.1	23.9	1.60	29.8	31.1	181	370
1.540CECONA	1.5	40	0.8	25.9	26.7	1.60	32.9	34.1	217	410
1.550CECONA	1.5	50	0.8	28.8	29.3	2.00	37.0	37.9	277	460

Number of cores	Current rating (a)			Electrical characteristics	
	Unenclosed spaced A	Buried direct A	Underground in duct A	Maximum D.C. resistance at 20°C Ω/km	Reactance per core Ω/km
2	19	28	22	13.6	0.111
3	16	24	19	13.6	0.111
4	16	24	19	13.6	0.111
5	14	24	14	13.6	0.111
6	13	22	13	13.6	0.111
7	13	22	13	13.6	0.111
8	12	21	12	13.6	0.111
10	11	19	11	13.6	0.111
12	11	18	11	13.6	0.111
15	10	17	10	13.6	0.111
20	9	15	9	13.6	0.111
25	8	14	8	13.6	0.111
30	8	13	8	13.6	0.111
40	7	12	7	13.6	0.111
50	7	12	7	13.6	0.111

(a) Based on 75 °C conductor temperature, 40 °C ambient air temperature and where applicable, burial depth of 0.5 m, soil temperature of 25 °C and soil thermal resistivity of 1.2 °C.m/W. Refer to AS/NZS 3008.1 for other installation conditions.