

CN 15 KV 100% 1/3 NEUTRAL (UD) PHYSICAL DATA

Conductor Size		Stranding (No of Wires)	Insulation Diameter	Concentric Neutral*		Minimum Jacket Thickness (mm)	Approx Jacket Diameter (mm)	Approx Cable Weight (kg/km)
AWG or kcmil	mm ²		Nom (mm)	No of Wires	AWG			
CN 15 KV 100% ALUMINUM 1/3 NEUTRAL (UD)								
2	33.6	solid	16.6	6	14	1.14	24.4	647
2	33.6	7	16.8	6	14	1.14	24.7	655
1	42.4	solid	17.4	6	14	1.14	25.2	685
1	42.4	18	17.7	6	14	1.14	25.5	699
1/0	53.5	solid	18.3	6	14	1.14	26.1	744
1/0	53.5	18	18.6	6	14	1.14	26.4	759
2/0	67.4	18	19.6	7	14	1.14	27.4	848
3/0	85.0	18	20.8	9	14	1.14	28.6	967
4/0	107	18	22.1	11	14	1.14	29.9	1101
250	127	35	23.4	13	14	1.14	31.3	1377
300	152	35	24.7	15	14	1.14	32.5	1548
350	177	35	25.9	18	14	1.14	33.7	1734
400	203	35	27.0	20	14	1.14	34.8	1905
500	253	35	29.0	25	14	1.14	37.4	2292
600	304	58	31.2	19	12	1.14	40.4	2723
750	380	58	33.6	24	12	1.78	44.2	3348
1000	507	58	37.4	20	10	1.78	49.1	4293
CN 15 KV 100% COPPER 1/3 NEUTRAL (UD)								
2	33.6	solid	16.6	6	14	1.14	24.4	848
2	33.6	7	16.8	6	14	1.14	24.7	871
1	42.4	solid	17.4	7	14	1.14	25.2	967
1	42.4	18	17.7	7	14	1.14	25.5	990
1/0	53.5	solid	18.3	9	14	1.14	26.1	1131
1/0	53.5	18	18.6	9	14	1.14	26.4	1153
2/0	67.4	18	19.6	11	14	1.14	27.4	1339
3/0	85.0	18	20.8	14	14	1.14	28.6	1592
4/0	107	18	22.1	18	14	1.14	29.9	1905
250	127	35	23.4	21	14	1.14	31.3	2314
300	152	35	24.7	25	14	1.14	32.5	2679
350	177	35	25.9	18	12	1.14	34.6	3080
400	203	35	27.0	21	12	1.14	35.7	3460
500	253	35	29.0	26	12	1.14	38.2	4219
600	304	58	31.2	20	10	1.14	41.4	5060
750	380	58	33.6	25	10	1.78	45.3	6258
1000	507	58	37.4	26	9	1.78	49.7	8103
Notes:								
* The number of wires is increased where necessary to comply with the CSA 7.0 mm maximum CN wire-to-wire spacing limit.								