

## CN 35 kV 133% 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 <sup>2</sup>		Nom (mm)	No of Wires	AWG			
<b>CN 35 KV 133% ALUMINUM 1/3 NEUTRAL (UD)</b>								
1/0	53.5	solid	30.5	6	14	1.14	38.9	1399
1/0	53.5	18	30.8	6	14	1.14	39.1	1421
2/0	67.4	18	31.8	7	14	1.14	40.1	1525
3/0	85.0	18	33.0	9	14	1.14	41.4	1674
4/0	107	18	34.4	11	14	1.78	44.1	1942
250	127	35	35.7	13	14	1.78	45.4	2247
300	152	35	37.0	15	14	1.78	46.7	2448
350	177	35	38.2	18	14	1.78	47.9	2656
400	203	35	39.2	20	14	1.78	49.0	2850
500	253	35	41.2	25	14	1.78	51.7	3326
600	304	58	43.4	19	12	1.78	54.8	3832
750	380	58	45.8	24	12	1.78	57.2	4405
1000	507	58	49.7	20	10	1.78	62.1	5454
<b>CN 35 KV 133% COPPER 1/3 NEUTRAL (UD)</b>								
1/0	53.5	solid	30.5	9	14	1.14	38.9	1786
1/0	53.5	18	30.8	9	14	1.14	39.1	1808
2/0	67.4	18	31.8	11	14	1.14	40.1	2024
3/0	85.0	18	33.0	14	14	1.14	41.4	2299
4/0	107	18	34.4	18	14	1.78	44.1	2738
250	127	35	35.7	21	14	1.78	45.4	3185
300	152	35	37.0	25	14	1.78	46.7	3579
350	177	35	38.2	18	12	1.78	48.8	4025
400	203	35	39.2	21	12	1.78	49.8	4435
500	253	35	41.2	26	12	1.78	52.6	5283
600	304	58	43.4	20	10	1.78	55.9	6191
750	380	58	45.8	25	10	1.78	58.3	7337
1000	507	58	49.7	26	9	1.78	62.7	9279
<b>Notes:</b>								
* The number of wires is increased where necessary to comply with the CSA 7.0 mm maximum CN wire-to-wire spacing limit.								