

CN 25 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 ²		Nom (mm)	No of Wires	AWG			
CN 25 KV 133% ALUMINUM 1/3 NEUTRAL (UD)								
1	42.4	solid	24.7	6	14	1.14	32.5	1012
1	42.4	18	25.0	6	14	1.14	32.8	1027
1/0	53.5	solid	25.6	6	14	1.14	33.4	1079
1/0	53.5	18	25.8	6	14	1.14	33.7	1094
2/0	67.4	18	26.9	7	14	1.14	34.7	1198
3/0	85.0	18	28.1	9	14	1.14	36.4	1369
4/0	107	18	29.4	11	14	1.14	37.7	1525
250	127	35	30.7	13	14	1.14	39.1	1808
300	152	35	32.0	15	14	1.14	40.3	2002
350	177	35	33.2	18	14	1.14	41.5	2202
400	203	35	34.3	20	14	1.78	44.0	2493
500	253	35	36.3	25	14	1.78	46.0	2865
600	304	58	38.5	19	12	1.78	49.1	3333
750	380	58	40.9	24	12	1.78	52.3	3973
1000	507	58	44.7	20	10	1.78	57.1	4985
CN 25 KV 133% COPPER 1/3 NEUTRAL (UD)								
1	42.4	solid	24.7	7	14	1.14	32.5	1295
1	42.4	18	25.0	7	14	1.14	32.8	1317
1/0	53.5	solid	25.6	9	14	1.14	33.4	1466
1/0	53.5	18	25.8	9	14	1.14	33.7	1488
2/0	67.4	18	26.9	11	14	1.14	34.7	1689
3/0	85.0	18	28.1	14	14	1.14	36.4	1994
4/0	107	18	29.4	18	14	1.14	37.7	2322
250	127	35	30.7	21	14	1.14	39.1	2753
300	152	35	32.0	25	14	1.14	40.3	3133
350	177	35	33.2	18	12	1.78	43.8	3668
400	203	35	34.3	21	12	1.78	44.9	4063
500	253	35	36.3	26	12	1.78	46.9	4807
600	304	58	38.5	20	10	1.78	50.1	5685
750	380	58	40.9	25	10	1.78	53.3	6898
1000	507	58	44.7	26	9	1.78	57.8	8802
Notes:								
* The number of wires is increased where necessary to comply with the CSA 7.0 mm maximum CN wire-to-wire spacing limit.								