

CN 25 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 25 KV 100% ALUMINUM 1/3 NEUTRAL (UD)								
1	42.4	solid	21.6	6	14	1.14	29.4	871
1	42.4	18	21.8	6	14	1.14	29.7	878
1/0	53.5	solid	22.5	6	14	1.14	30.3	930
1/0	53.5	18	22.7	6	14	1.14	30.6	945
2/0	67.4	18	23.7	7	14	1.14	31.6	1042
3/0	85.0	18	24.9	9	14	1.14	32.7	1168
4/0	107	18	26.3	11	14	1.14	34.1	1310
250	127	35	27.6	13	14	1.14	36.0	1637
300	152	35	28.9	15	14	1.14	37.2	1816
350	177	35	30.1	18	14	1.14	38.4	2009
400	203	35	31.2	20	14	1.14	39.5	2188
500	253	35	33.1	25	14	1.14	41.5	2545
600	304	58	35.4	19	12	1.78	46.0	3110
750	380	58	37.8	24	12	1.78	48.4	3653
1000	507	58	41.6	20	10	1.78	54.0	4725
CN 25 KV 100% COPPER 1/3 NEUTRAL (UD)								
1	42.4	solid	21.6	7	14	1.14	29.4	1146
1	42.4	18	21.8	7	14	1.14	29.7	1168
1/0	53.5	solid	22.5	9	14	1.14	30.3	1310
1/0	53.5	18	22.7	9	14	1.14	30.6	1339
2/0	67.4	18	23.7	11	14	1.14	31.6	1533
3/0	85.0	18	24.9	14	14	1.14	32.7	1793
4/0	107	18	26.3	18	14	1.14	34.1	2113
250	127	35	27.6	21	14	1.14	36.0	2575
300	152	35	28.9	25	14	1.14	37.2	2947
350	177	35	30.1	18	12	1.14	39.3	3371
400	203	35	31.2	21	12	1.14	40.4	3758
500	253	35	33.1	26	12	1.78	43.7	4591
600	304	58	35.4	20	10	1.78	47.0	5462
750	380	58	37.8	25	10	1.78	49.4	6570
1000	507	58	41.6	26	9	1.78	54.7	8542
Notes:								
* The number of wires is increased where necessary to comply with the CSA 7.0 mm maximum CN wire-to-wire spacing limit.								