

## CN 28 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 <sup>2</sup>		Nom (mm)	No of Wires	AWG			
<b>CN 28 KV 100% ALUMINUM 1/3 NEUTRAL (UD)</b>								
1	42.4	solid	22.6	6	14	1.14	30.4	915
1	42.4	18	22.9	6	14	1.14	30.7	930
1/0	53.5	solid	23.5	6	14	1.14	31.3	975
1/0	53.5	18	23.8	6	14	1.14	31.6	997
2/0	67.4	18	24.8	7	14	1.14	32.7	1094
3/0	85.0	18	26.0	9	14	1.14	33.8	1220
4/0	107	18	27.3	11	14	1.14	35.6	1406
250	127	35	28.6	13	14	1.14	37.0	1689
300	152	35	29.9	15	14	1.14	38.2	1875
350	177	35	31.2	18	14	1.14	39.5	2076
400	203	35	32.2	20	14	1.14	40.5	2255
500	253	35	34.2	25	14	1.78	44.0	2723
600	304	58	36.4	19	12	1.78	47.0	3185
750	380	58	38.8	24	12	1.78	49.4	3728
1000	507	58	42.6	20	10	1.78	55.0	4814
<b>CN 28 KV 100% COPPER 1/3 NEUTRAL (UD)</b>								
1	42.4	solid	22.6	7	14	1.14	30.4	1191
1	42.4	18	22.9	7	14	1.14	30.7	1213
1/0	53.5	solid	23.5	9	14	1.14	31.3	1362
1/0	53.5	18	23.8	9	14	1.14	31.6	1384
2/0	67.4	18	24.8	11	14	1.14	32.7	1585
3/0	85	18	26.0	14	14	1.14	33.8	1845
4/0	107	18	27.3	18	14	1.14	35.6	2202
250	127	35	28.6	21	14	1.14	37.0	2634
300	152	35	29.9	25	14	1.14	38.2	3006
350	177	35	31.2	18	12	1.14	40.4	3430
400	203	35	32.2	21	12	1.14	41.4	3817
500	253	35	34.2	26	12	1.78	44.8	4665
600	304	58	36.4	20	10	1.78	48.1	5529
750	380	58	38.8	25	10	1.78	50.5	6645
1000	507	58	42.6	26	9	1.78	55.7	8624
<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.								