



## ALUMINUM ALLOY CONDUCTORS (TYPE- AL57) SS 42408 12

Code	Old Code	Sectional Area	Stranding		Conductor Diameter	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
			No. of Aluminium Wires	Individual wire diameter					@ 75°C	@ 85°C
			(mm <sup>2</sup> )	(No.)					(mm)	(mm)
31	31.14	17.9	7	2.38	7.14	85.0	9.31	0.974	118	140
62	62.44	35.88	7	3.37	10.11	170.0	17.2	0.486	178	214
99	99.3	57.07	7	4.25	12.75	271.0	25.3	0.305	234	285
157	158.59	91.14	19	3.26	16.3	436.0	43.7	0.193	307	377
241	241.16	138.59	19	4.02	20.1	663.0	61.6	0.127	391	485
329	330.03	189.67	37	3.37	23.6	910.0	90.7	0.0928	467	586
454	454.49	261.2	61	3.08	27.72	1260.0	125.16	0.0675	558	708
593	593.62	341.15	61	3.52	31.68	1640.0	157	0.0517	645	827
774	774.24	444.96	61	4.02	36.18	2140.0	197	0.0396	743	963
910	910.74	523.4	61	4.36	39.2	2520.0	232	0.0337	806	1054

