



ALUMINUM ALLOY CONDUCTORS (TYPE- AL6) EN 50182

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 ²)	(No.)					(mm)	(mm)
65-AL6	AL56 - 65	65.1	7	3.44	10.3	177.6	20.43	0.4818	180	217
93-AL6	AL56 - 93	92.9	7	4.11	12.3	253.5	28.23	0.3375	222	270
130-AL6	AL56 - 130	129.9	7	4.86	14.6	354.5	39.48	0.2414	271	331
167-AL6	AL56 - 167	167.5	19	3.35	16.8	459.8	52.59	0.1882	314	386
178-AL6	AL56 - 178	177.6	19	3.45	17.3	487.6	55.77	0.1775	325	400
210-AL6	AL56 - 210	209.8	19	3.75	18.8	576.1	63.79	0.1502	357	442
225-AL6	AL56 - 225	224.7	19	3.88	19.4	616.7	68.29	0.1403	371	461
263-AL6	AL56 - 263	263.2	19	4.20	21	722.7	80.02	0.1197	407	507
280-AL6	AL56 - 280	279.8	19	4.33	21.7	768.1	85.05	0.1127	421	526
322-AL6	AL56 - 322	322.2	37	3.33	23.3	887.7	101.18	0.0982	456	571
342-AL6	AL56 - 342	341.9	37	3.43	24	941.8	107.35	0.0925	471	592
444 -AL6	AL56 - 444	444.3	37	3.91	27.4	1223.9	135.06	0.0712	545	691
454-AL6	AL56 - 454	454.5	61	3.08	27.7	1256.1	142.71	0.0698	551	700
594-AL6	AL56 - 594	593.6	61	3.52	31.7	1640.6	180.46	0.0535	638	818
685-AL6	AL56 - 685	684.5	61	3.78	34	1891.9	208.1	0.0464	688	887
865-AL6	AL56 - 865	865.4	61	4.25	38.3	2391.6	263.07	0.0367	777	1014

