



210-AL4	210	210.3	37	2.69	18.8	579.3	68.34	0.1582
228-AL4	228	227.8	37	2.80	19.6	627.6	74.04	0.1460
248-AL4	248	247.8	37	2.92	20.4	682.6	80.53	0.1342
265-AL4	265	265	37	3.02	21.1	730.1	86.14	0.1255
288-AL4	288	288.3	37	3.15	22.1	794.3	93.71	0.1154
298-AL4	298	297.6	37	3.20	22.4	819.8	96.71	0.1118
313-AL4	313	312.6	37	3.28	23	861.3	101.61	0.1064
318-AL4	318	318.4	37	3.31	23.2	877.1	103.47	0.1045
366-AL4	366	366.2	37	3.55	24.9	1008.9	115.36	0.0908
446-AL4	446	445.7	61	3.05	27.5	1231.7	144.84	0.0749
475-AL4	475	475.4	61	3.15	28.4	1313.8	154.5	0.0702
570-AL4	570	570.2	61	3.45	31.1	1576.0	185.33	0.0585
621-AL4	621	620.9	61	3.60	32.4	1716.0	195.58	0.0537

## All Aluminium Alloy Conductors ( AAAC ) AS 1531

Code Name	Sectional Area	Stranding		Conductor Diameter	Weight	Rated Strength	DC Resistance @ 20°C
		No. of Aluminium Wires	Individual wire diameter				
	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/Km)	(KN)	(Ω/Km)
Diamond	34.36	7	2.50	7.5	94.3	9.64	0.9670
Dolomite	41.58	7	2.75	8.25	113.0	11.6	0.7990
Emerald	49.48	7	3.00	9	135.0	13.9	0.6710
Garnet	77.31	7	3.75	11.25	211.0	21.7	0.4300
Jade	111.33	7	4.50	13.5	304.0	31.2	0.2980
Jasper	124	7	4.75	14.25	339.0	34.8	0.2680
Opal	157.6	19	3.25	16.25	433.0	44.2	0.2120
Patronite	182.8	19	3.50	17.5	503.0	51.3	0.1830
Pearl	209.8	19	3.75	18.75	576.0	58.8	0.1590
Ruby	261.6	37	3.00	21	721.0	73.5	0.1280
Ruthenium	307	37	3.25	22.75	845.0	86.1	0.1090
Rutile	336.7	19	4.75	23.75	924.0	94.4	0.0991
Sapphire	408.5	37	3.75	26.25	1120.0	115	0.0819
Spinel	506.1	61	3.25	29.25	1400.0	135	0.0662
Tantalum	586.9	61	3.50	31.5	1620.0	156	0.0572
Topaz	673.4	61	3.75	33.75	1860.0	179	0.0498