

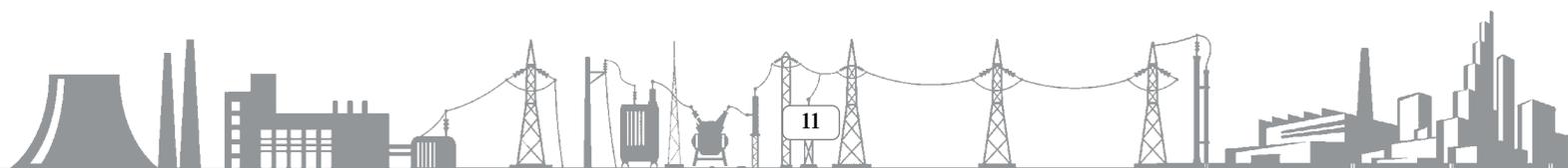


All Aluminium-Alloy Conductors (AAAC-AL4) EN 50182

Code	Old Code	Sectional Area	Stranding		Conductor Diameter	Weight	Rated Strength	DC Resistance @ 20°C
			No. of wires	Wire Size				
		mm ²	No.	mm	mm	Kg/Km	KN	Ω/Km
ASTER 22	21.99	11.84	7	2.00	6	60.0	7.15	1.5000
ASTER 34.4	34.36	18	7	2.50	7.5	94.0	11.15	0.9580
ASTER 54.6	54.55	28.6	7	3.15	9.45	149.0	17.75	0.6030
ASTER 75.5	75.54	41.3	19	2.25	11.25	208.0	24.55	0.4380
ASTER 117	117	63.9	19	2.80	14	322.0	38	0.2830
ASTER 148	148.1	80.9	19	3.15	15.75	407.0	48.1	0.2240
ASTER 181.6	181.6	99.2	37	2.50	17.5	500.0	59	0.1830
ASTER 228	227.8	124.5	37	2.80	19.6	627.0	74.05	0.1460
ASTER 288	288.3	157.6	37	3.15	22.05	794.0	93.7	0.1150
ASTER 366	366.2	200.1	37	3.55	27.85	1009.0	115.35	0.0905
ASTER 570	570.2	311.6	61	3.45	31.05	1574.0	185.3	0.0583

All Aluminium-Alloy Conductors (AAAC-AL4) EN 50182

Code	Old code	Sectional Area	Stranding		Conductor Diameter	Weight	Rated Strength	DC Resistance @ 20°C
			No. of Aluminium Wires	Individual wire diameter				
		(mm ²)	(No.)	(mm)	(mm)	(Kg/Km)	(KN)	(Ω/Km)
22-AL4	22	22	7	2.00	6	60.0	7.15	1.4989
34-AL4	34	34.4	7	2.50	7.5	93.8	11.17	0.9593
55-AL4	55	54.6	7	3.15	9.45	148.9	17.73	0.6042
76-AL4	76	75.5	19	2.25	11.3	207.4	24.55	0.4388
93-AL4	95	93.3	19	2.50	12.5	256.0	30.31	0.3554
117-AL4	117	117	19	2.80	14	321.2	38.02	0.2833
148-AL4	148	148.1	19	3.15	15.8	406.5	48.12	0.2239
153-AL4	153	152.8	19	3.20	16	419.5	49.66	0.2169
182-AL4	182	181.6	37	2.50	17.5	500.3	59.03	0.1831
198-AL4	198	198	37	2.61	18.3	545.3	64.34	0.1680





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 ²)	(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

