

New Code	Old Code	Stranding Wire Diameter		Overall Diameter	Sectional Area			Approximate Weight	Breaking Load	D.A. Resistance	Current Rating Capacity
		Aluminium	Steel		Aluminium	Steel	Total				
		mm	mm	mm	mm ²	mm ²	mm ²	kg/km	kN	ohm/km	A
15 - AL1/3 - ST1A	16/2.5	6/1.80	1/1.80	5.4	15.3	2.5	17.9	62	5.81	1.8793	105
24 - AL1/4 - ST1A	25/4	6/2.25	1/2.25	6.8	23.8	4	27.8	96	9.02	1.2028	140
34 - AL1/6 - ST1A	35/6	6/2.70	1/2.70	8.1	34.3	5.7	40	139	12.70	0.8353	170
44 - AL1/32 - ST1A	44/32	14/2.00	7/2.40	11.2	44	31.7	75.7	369	45.46	0.6573	-
48 - AL1/8 - SAT1A	50/8	6/3.20	1/3.20	9.6	48.3	8	56.3	195	17.18	0.5946	210
51 - AL1/30 - SAT1A	50/30	12/2.33	7/2.33	11.7	51.2	29.8	81	375	44.28	0.5644	-
70 - AL1/11 - ST1A	70/12	26/1.85	7/1.44	11.7	69.9	11.4	81.3	282	26.31	0.4130	290
94 - AL1/15 - ST1A	95/15	26/2.15	7/1.67	13.6	94.4	15.3	110	381	35.17	0.3058	350
97 - AL1/56 - ST1A	95/55	12/3.20	7/3.20	16	96.5	56.3	153	707	80.20	0.2992	-
106 - AL1/76 - ST1A	105/75	14/3.10	19/2.25	17.5	105.7	75.5	182	885	106.69	0.2736	-
122 - AL1/20 - ST1A	120/20	26/2.44	7/1.90	15.5	121.6	19.8	141	491	44.94	0.2374	410
122 - AL1/71 - ST1A	120/70	12/3.60	7/3.60	18	122	71.3	193	895	98.16	0.2364	-
128 - AL1/30 - ST1A	125/30	30/2.33	7/2.33	16.1	127.9	29.8	158	587	57.86	0.2259	425
149 - AL1/24 - ST1A	150/25	26/2.70	7/2.10	17.1	148.9	24.2	173	601	54.37	0.1939	470
172 - AL1/40 - ST1A	170/40	30/2.70	7/2.70	18.9	171.8	40.1	212	788	77.01	0.1682	520
184 - AL1/30 - ST1A	185/30	26/3.00	7/2.33	19	183.8	29.8	214	741	66.28	0.1571	535
209 - AL1/34 - ST1A	210/35	26/3.20	7/2.49	20.3	209.1	34.1	243	844	74.94	0.1380	590
212 - AL1/49 - ST1A	210/50	30/3.00	7/3.00	21.3	212.1	49.5	262	973	92.25	0.1363	610
231 - AL1/30 - ST1A	230/30	24/3.50	7/2.33	21	230.9	29.8	261	871	73.09	0.1249	630
243 - AL1/39 - ST1A	240/40	26/3.45	7/2.68	21.9	243	39.5	283	980	86.46	0.1188	645
264 - AL1/34 - ST1A	265/35	24/3.74	7/2.49	22.4	263.7	34.1	298	994	82.94	0.1094	680
304 - AL1/47 - ST1A	300/50	26/3.86	7/3.00	24.5	304.3	49.5	354	1227	105.09	0.0949	740
305 - AL1/39 - ST1A	305/40	54/2.68	7/2.68	24.1	304.6	39.5	344	1151	99.30	0.0949	740

New Code	Old Code	Stranding & Wire Diameter		Diameter	Sectional Area			Weight	Load	Resistance	Capacity
		Aluminium	Steel		Aluminium	Steel	Total				
		mm	mm		mm ²	mm ²	mm ²				
339 - AL1/30 - ST1A	340/30	48/3.00	7/2.33	25	339.3	29.8	369	1171	92.56	0.0851	790
382 - AL1/49 - ST1A	380/50	54/3.00	7/3.00	27	382	49.5	432	1443	120.91	0.0757	840
386 - AL1/34 - ST1A	385/35	48/3.20	7/2.49	26.7	386	34.1	420	1334	104.31	0.0748	850
434 - AL1/56 - ST1A	435/55	54/3.20	7/3.20	28.8	434.3	56.3	491	1641	136.27	0.0666	900
449 - AL1/39 - ST1A	450/40	48/3.45	7/2.68	28.7	448.7	39.5	488	1549	120.19	0.0644	920
490 - AL1/64 - ST1A	490/65	54/3.40	7/3.40	30.6	490.3	63.6	554	1853	152.85	0.0590	960
494 - AL1/34 - ST1A	495/35	45/3.74	7/2.49	29.9	494.4	34.1	528.4	1632	117.96	0.0584	985
511 - AL1/45 - ST1A	510/45	48/3.68	7/2.87	30.7	510.15	45.3	555.8	1765	133.31	0.0566	995
550 - AL1/71 - ST1A	550/70	54/3.60	7/3.60	32.4	550	71.3	621	2077	166.32	0.0526	1020
562 - AL1/49 - ST1A	560/50	48/3.86	7/3.00	32.2	561.7	49.5	611	1940	146.28	0.0514	1040
571 - AL1/39 - ST1A	570/40	45/4.02	7/2.68	32.2	571.2	39.5	610.6	1887	136.4	0.0506	1050
653 - AL1/45 - ST1A	650/45	45/4.30	7/2.87	34.4	653.5	45.3	698.8	2160	156.18	0.0442	1120
679 - AL1/86 - ST1A	680/85	54/4.00	19/2.40	36	678.8	86	765	2550	206.56	0.0426	1150
1046 - AL1/45 - ST1A	1045/45	72/4.30	7/2.87	43	1045.6	45.3	1010	3248	218.92	0.0277	1580