

Code Word	Old Code	Stranding Wire Diameter	Overall Diameter	Sectional Area	Approximate Weight	Breaking Load	D.A. Resistance
		mm	mm	mm ²	kg/km	kN	ohm /km
22 -AL4	ASTER 22	7/2.00	6.0	22.0	60.0	7.15	14.989
34 -AL4	ASTER 34.4	7/2.50	7.5	34.4	93.8	11.17	0.9593
55 -AL4	ASTER 54.6	7/3.15	9.45	54.6	148.9	17.73	0.6042
76 -AL4	ASTER 75.5	19/2.25	11.3	75.5	207.4	24.55	0.4388
117 -AL4	ASTER 117	19/2.80	14.0	117.0	321.2	38.02	0.2833
148 -AL4	ASTER 148	19/3.15	15.8	148.1	406.5	48.12	0.2239
182 -AL4	ASTER 181.6	37/2.50	17.5	181.6	500.3	59.03	0.1831
228 -AL4	ASTER 228	37/2.80	19.6	227.8	627.6	74.04	0.1460
288 -AL4	ASTER 288	37/3.15	22.1	288.3	794.3	93.71	0.1154
366 -AL4	ASTER 366	37/3.55	24.9	366.2	1008.9	115.36	0.0908
570 -AL4	ASTER 570	61/3.45	31.1	570.2	1576.0	185.33	0.0585
851 -AL4	ASTER 851	91/3.45	38.0	850.7	2360.7	276.47	0.0394
1144 -AL4	ASTER 1.144	91/4.00	44.0	1143.5	3173.4	360.22	0.0293

British Sizes BS EN 50182: 2001

Code Word	Old Code	Stranding Wire Diameter	Overall Diameter	Sectional Area	Approximate Weight	Breaking Load	D.A. Resistance	Current Rating Capacity
		mm	mm	mm ²	kg/km	kN	ohm /km	A
19 -AL3	BOX	7/1.85	5.55	18.8	51.4	5.55	1.7480	96
24 -AL3	Acacia	7/2.08	6.24	23.9	64.9	7.02	1.3828	110
30 -AL3	Almond	7/2.34	7.02	30.1	82.2	8.88	1.0926	128
35 -AL3	Cedar	7/2.54	7.62	35.5	96.8	10.46	0.9273	132
42 -AL3	Deodar	7/2.77	8.31	42.2	115.2	12.44	0.7797	148
48 -AL3	Fir	7/2.95	8.85	47.8	130.6	14.11	0.6875	161
60 -AL3	Hazel	7/3.30	9.90	59.9	163.4	17.66	0.5494	184
72 -AL3	Pine	7/3.61	10.80	71.6	195.6	21.14	0.4591	204
84 -AL3	Holly	7/3.91	11.70	84.1	229.5	24.79	0.3913	222
90 -AL3	Willow	7/4.04	12.10	89.7	245.0	26.47	0.3665	233
119 -AL3	Oak	7/4.65	13.95	118.9	324.5	35.07	0.2767	272
151 -AL3	Mulberry	19/3.18	15.90	150.9	414.3	44.52	0.2192	319
181 -AL3	Ash	19/3.48	17.40	180.7	496.1	53.31	0.1830	354
211 -AL3	Elm	19/3.76	18.80	211.0	579.2	62.24	0.1568	385
239 -AL3	Poplar	37/2.87	20.10	239.4	659.4	70.61	0.1387	414
303 -AL3	Sycamore	37/3.23	22.60	303.2	835.2	89.40	0.1095	487
362 -AL3	Upas	37/3.53	24.70	362.1	997.5	106.82	0.0917	527
479 -AL3	Yew	37/4.06	28.40	479.0	1319.6	141.31	0.0693	629
498 -AL3	Totara	37/4.14	29.42	498.1	1372.1	146.93	0.0666	640
587 -AL3	Rubus	61/3.50	31.50	586.9	1622.0	173.13	0.0567	716
659 -AL3	Sorbus	61/3.71	33.40	659.4	1822.5	194.53	0.0505	760
821 -AL3	Araucaria	61/4.14	37.30	821.1	2269.5	242.24	0.0406	842
996 -AL3	Redwood	61/4.56	41.00	996.2	2753.2	293.88	0.0334	920