

**Conductoare din aliaj de aluminiu, conform EN 50182 (aliaj din aluminiu, tip AL3), utilizate in Marea Britanie  
AAAC, All aluminium alloy conductors, according to EN 50182 (aluminium alloy, type AL3), designed to be used  
in Great Britain**

<b>Cod</b>	<b>Sectiune</b>	<b>Numar sarme</b>	<b>Diametru sarma</b>	<b>Diametru conductor</b>	<b>Masa conductor</b>	<b>Forta de rupere nominala</b>	<b>Rezistenta in curent continuu</b>	<b>Capacitatea de transport a curentului</b>	
<b>Code name</b>	<b>Cross section mm<sup>2</sup></b>	<b>No. of wires</b>	<b>Wires diameter mm</b>	<b>Overall diameter mm</b>	<b>AAAC weight kg/km</b>	<b>Breaking Load N</b>	<b>Resistance at 20°C Ohm/km</b>	<b>Current carrying capacity A</b>	
19-AL3	BOX	18.8	7	1.85	5.55	51.4	5.55	1.7480	151
24-AL3	ACACIA	23.8	7	2.08	6.24	64.9	7.02	1.3828	175
30-AL3	ALMOND	30.1	7	2.34	7.02	82.2	8.88	1.0926	203
35-AL3	CEDAR	35.5	7	2.54	7.62	96.8	10.46	0.9273	226
42-AL3	DEODAR	42.2	7	2.77	8.31	115.2	12.44	0.7797	252
48-AL3	FIR	47.8	7	2.95	8.85	130.6	14.11	0.6875	274
60-AL3	HAZEL	59.9	7	3.30	9.90	163.4	17.66	0.5494	316
72-AL3	PINE	71.6	7	3.61	10.8	195.6	21.14	0.4591	354
84-AL3	HOLLY	84.1	7	3.91	11.7	229.5	24.79	0.3913	393
90-AL3	WILLOW	89.7	7	4.04	12.1	245.0	26.47	0.3665	410
119-AL3	OAK	118.9	7	4.65	14.0	324.5	35.07	0.2767	492
151-AL3	MULBERRY	150.9	19	3.18	15.9	414.3	44.52	0.2192	574
181-AL3	ASH	180.7	19	3.48	17.4	496.1	53.31	0.1830	645
211-AL3	ELM	211.0	19	3.76	18.8	579.2	62.24	0.1568	713
239-AL3	POPLAR	239.4	37	2.87	20.1	659.4	70.61	0.1387	773
303-AL3	SYCAMORE	303.2	37	3.23	22.6	835.2	89.40	0.1095	901
362-AL3	UPAS	362.1	37	3.53	24.7	997.5	106.82	0.0917	1011
479-AL3	YEW	479.0	37	4.06	28.4	1319.6	141.31	0.0693	1212
498-AL3	TOTARA	498.1	37	4.14	29.0	1372.1	146.93	0.0666	1244
587-AL3	RUBUS	586.9	61	3.50	31.5	1622.0	173.13	0.0567	1383
659-AL3	SORBUS	659.4	61	3.71	33.4	1822.5	194.53	0.0505	1492
821-AL3	ARAUCARIA	821.1	61	4.14	37.3	2269.4	242.24	0.0406	1720
996-AL3	REDWOOD	996.2	61	4.56	41.0	2735.2	293.88	0.0334	1953

**Conductoare din aliaj de aluminiu, conform EN 50182 (aliaj din aluminiu, tip AL5), utilizate in Marea Britanie  
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<b>Cod</b>	<b>Sectiune</b>	<b>Numar sarme</b>	<b>Diametru sarma</b>	<b>Diametru conductor</b>	<b>Masa conductor</b>	<b>Forta de rupere nominala</b>	<b>Rezistenta in curent continuu</b>	<b>Capacitatea de transport a curentului</b>	
<b>Code name</b>	<b>Cross section mm<sup>2</sup></b>	<b>No. of wires</b>	<b>Wires diameter mm</b>	<b>Overall diameter mm</b>	<b>AAAC weight kg/km</b>	<b>Breaking Load N</b>	<b>Resistance at 20°C Ohm/km</b>	<b>Current carrying capacity A</b>	
239-AL5	POPLAR	239.4	37	2.87	20.1	659.4	70.61	0.1330	789
303-AL5	SYCAMORE	303.2	37	3.23	22.6	835.2	89.44	0.1050	920
362-AL5	UPAS	362.1	37	3.53	24.7	997.5	106.82	0.0879	1032
479-AL5	YEW	479.0	37	4.06	28.4	1319.6	141.31	0.0665	1238
498-AL5	TOTARA	498.1	37	4.14	29.0	1372.1	146.93	0.0639	1270
587-AL5	RUBUS	586.9	61	3.50	31.5	1622.0	173.13	0.0544	1412
659-AL5	SORBUS	659.4	61	3.71	33.4	1822.5	194.53	0.0484	1524
821-AL5	ARAUCARIA	821.1	61	4.14	37.3	2269.4	242.24	0.0389	1758
996-AL5	REDWOOD	996.2	61	4.56	41.0	2753.2	293.88	0.0321	1992