

**Conductoare din aliaj de aluminiu, conform CEI 61089-1991 (aliaj din aluminiu tare, tip A3)**  
**AAAC, All aluminium alloy conductors, according to CEI 61089-1991 (aluminium alloy, type A3)**

Cod	Secțiune	Numar sarme	Diametru sarma	Diametru conductor	Masa conductor	Forța de rupere nominală	Rezistența în curent continuu	Capacitatea de transport a curentului
Code	Cross section	No. of wires	Wires diameter	Overall diameter	AAAC weight	Breaking Load	Resistance at 20°C	Current carrying capacity
	mm <sup>2</sup>		mm	mm	kg/km	N	Ohm/km	A
16	18.6	7	1.84	5.52	50.8	6040	1.7896	151
25	29	7	2.30	6.90	79.5	9440	1.1453	200
40	46.5	7	2.91	8.72	127.1	15100	0.7158	270
63	73.2	7	3.65	10.90	200.2	23060	0.4545	361
100	116	19	2.79	14.00	319.3	37760	0.2877	488
125	145	19	3.12	15.60	399.2	47200	0.2302	563
160	186	19	3.53	17.60	511.0	58560	0.1798	659
200	232	19	3.95	19.70	638.7	73200	0.1439	761
250	290	19	4.41	22.10	798.4	91500	0.1151	880
315	366	37	3.55	24.80	1008.4	115290	0.0916	1020
400	465	37	4.00	28.00	1280.5	146400	0.0721	1190
450	523	37	4.24	29.70	1440.5	164700	0.0641	1283
500	581	37	4.47	31.30	1600.6	183000	0.0577	1371
560	651	61	3.69	33.20	1795.3	204960	0.0516	1474
630	732	61	3.91	35.20	2019.8	230580	0.0458	1587
710	825	61	4.15	37.30	2276.2	259860	0.0407	1708
800	930	61	4.40	39.60	2564.8	292800	0.0361	1841
900	1046	91	3.83	42.10	2888.3	329400	0.0321	1978
1000	1162	91	4.03	44.40	3209.3	366000	0.0289	2108
1120	1301	91	4.27	46.90	3594.4	409920	0.0258	2252