

Conductoare din aluminiu, conform GOST 839-1980
All Aluminium Conductors, according to GOST 839-1980

Tip conductor Code	Sectiunea calculata Cross Sectional Area mm ²	Numar sarme No. of wires	Diametru sarma Wire diameter mm	Diametru conductor Overall diameter mm	Masa conductor Linear Weight kg/km	Fora de rupere nominala Breaking Load N	Rezistenta electrica la 20°C Resistance at 20°C Ohm/km	Capacitatea de transport a curentului Current carrying capacity A
16	15.9	7	1.70	5.1	43	2736	1.83763	144
25	24.9	7	2.13	6.4	68	4109	1.16500	192
35	34.3	7	2.50	7.5	94	5609	0.85020	235
50	49.5	7	3.00	9.0	135	7767	0.58800	298
70	69.3	7	3.55	10.7	189	10699	0.42040	370
95	92.4	7	4.10	12.3	252	13856	0.31470	445
120	117.0	19	2.80	14.0	321	19623	0.25100	517
150	148.0	19	3.15	15.8	406	24124	0.19780	603
185	182.8	19	3.50	17.5	502	29832	0.16110	689
240	238.7	19	4.00	20.0	655	37814	0.12300	820
300	288.3	37	3.15	22.1	794	46954	0.10170	929
350	345.8	37	3.45	24.2	952	56408	0.08480	1045
400	389.2	37	3.66	25.6	1072	63420	0.07563	1125
450	449.1	37	3.90	27.3	1378	69760	0.06657	1223
500	500.4	37	4.15	29.1	1378	79189	0.05876	1327
550	544.0	61	3.37	30.3	1500	88660	0.05400	1401
600	586.8	61	3.50	31.5	1618	95632	0.05034	1468
650	641.7	61	3.66	32.9	1771	104575	0.04592	1558
700	691.7	61	3.80	34.2	1902	112725	0.04257	1637
750	747.4	61	3.95	35.6	2062	118324	0.03933	1724
800	805.2	61	4.10	36.9	2020	127483	0.03653	1808