

Conductoare din aluminiu, conform JIS C 3109-1968
All Aluminium Conductors, according to JIS C 3109-1968

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	Forta 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
30	29.09	7	2.3	6.9	79.48	4600	0.983	150
38	37.16	7	2.6	7.8	101.5	5650	0.769	180
55	56.29	7	3.2	9.6	153.8	8220	0.507	230
95	96.95	7	4.2	12.6	264.9	13832	0.295	320
150	152.8	19	3.2	16	418.7	22268	0.188	420
200	204.3	19	3.7	18.5	559.8	29822	0.14	510
240	238.8	19	4.0	20	654.5	34040	0.12	570
300	297.6	37	3.2	22.4	820.1	43458	0.0969	660
400	397.8	37	3.7	25.9	1097	58173	0.0726	790
510	512.5	37	4.2	29.4	1413	73182	0.0563	920
660	655.8	61	3.7	33.3	1812	95843	0.0441	1080
850	844.9	61	4.2	37.8	2334	120663	0.0342	1250
980	978.3	91	3.7	40.7	2716	143030	0.0297	1375
1250	1260	91	4.2	46.2	3499	180014	0.023	1585