

Conductoare din aluminiu, conform DIN 48201-Partea 5-1981
All Aluminium Conductors, according to DIN 48201-Partea 5-1981

Tip conductor	Sectiunea calculata <i>Cross Sectional Area</i> mm ²	Numar sarme <i>No. of wires</i>	Diametru sarma <i>Wire diameter</i> mm	Diametru conductor <i>Overall diameter</i> mm	Masa conductor <i>Linear Weight</i> kg/km	Fora de rupere nominala <i>Breaking Load</i> N	Rezistenta electrica la 20°C <i>Resistance at 20°C</i> Ohm/km	Capacitatea de transport a curentului <i>Current carrying capacity</i> A
16	15.89	7	1.7	5.1	43	2840	1.80180	110
25	24.25	7	2.1	6.3	66	4170	1.18080	145
35	34.36	7	2.5	7.5	94	5780	0.83320	180
50	49.48	7	3	9	135	7940	0.57860	225
50	48.35	19	1.8	9	133	8450	0.59500	225
70	65.81	19	2.1	10.5	181	11320	0.43710	270
95	93.27	19	2.5	12.5	256	15680	0.30840	340
150	147.11	37	2.25	15.7	406	25300	0.19600	455
185	181.62	37	2.5	17.5	500	30540	0.15870	520
240	242.54	61	2.25	20.3	670	39510	0.11910	625
300	299.43	61	2.5	22.5	827	47700	0.09650	710
400	400.14	61	2.89	26	1104	60860	0.07221	855
500	499.83	61	3.23	29.1	1379	74670	0.05781	990
625	626.20	91	2.96	32.6	1732	95250	0.04625	1140
800	802.09	91	3.35	36.9	2218	118390	0.03611	1340
1000	999.71	91	3.74	41.1	2767	145760	0.02897	1540