

All Aluminum Conductor

DIN 68201, All Aluminum stranded conductor

Size (mm)	Calculated Area	Stranding and wire diameter	Overall diameter	Linear Mass	Rated Strength	Max. DC resistance at 20°C
	mm ²	mm	mm	kg/km	daN	Ω/km
16	15.89	7/1.70	5.1	44	290	1.8018
25	24.25	7/2.10	6.3	67	425	1.1808
35	34.36	7/2.50	7.5	94	585	0.8332
50	49.48	7/3.00	9	135	810	0.5786
50	48.36	19/1.80	9	133	860	0.595
70	65.82	19/2.10	10.5	181	1150	0.4371
95	93.27	19/2.50	12.5	256	1595	0.3084
120	117	19/2.80	14	322	1910	0.2469
150	147.1	37/2.25	15.2	406	2570	0.196
185	181.6	37/2.50	17.5	501	3105	0.1587
240	242.54	61/2.25	20.2	670	4015	0.1191
300	299.43	61/2.50	22.5	827	4850	0.0965
400	400.14	61/2.89	26	1105	6190	0.07221
500	499.83	61/3.23	29.1	1381	7600	0.05781
625	626.2	91/2.96	32.6	1733	9690	0.04625
800	802.1	91/3.35	36.8	2219	12055	0.03611
1000	999.71	91/3.74	41.1	2766	14845	0.02897