

Single Core Cable

Commen wire

Nominal sectional area mm ²	Conductor No/Dia. mm	Nominal Insulated thick mm	Max overall Dia. mm	Condcutor Resistance at 20		Min insulated resistance at 70M 惟/km	Weight Kg/km	
				Cu	Al		Cu	Al
1.5	1/1.38	0.7	3.3	12.1	-	0.011	19.2	-
1.5	7/0.52	0.7	3.5	12.1	-	0.010	20.6	-
2.5	1/1.78	0.8	3.9	7.41	11.8	0.010	30.8	15.0
4	1/2.25	0.8	4.4	4.61	7.39	0.0085	45.5	21.0
6	1/2.76	0.8	4.9	3.08	4.91	0.0070	65.0	29.0
10	7/1.35	1.0	7.0	1.83	3.08	0.0065	110.0	52.0
16	7/1.70	1.0	8.0	1.15	1.91	0.0050	170.0	70.0
25	7/2.14	1.2	10.0	0.727	1.20	0.0050	270.0	110.0
35	7/2.52	1.2	11.5	0.524	0.868	0.0040	364.0	150.0
50	19/1.78	1.4	13.0	0.387	0.641	0.0045	500.0	200.0
70	19/2.14	1.4	15.0	0.268	0.443	0.0035	688.0	269.0
95	19/2.52	1.6	17.5	0.193	0.320	0.0035	953.0	360.0
120	37/2.03	1.6	19.0	0.153	0.253	0.0032	1168.0	449.0
150	37/2.25	1.8	21.0	0.124	0.206	0.0032	1466.0	551.0
185	37/2.52	2.0	32.5	0.099	0.164	0.0032	1808.0	668.0

Flexible wire

Nominal sectional area mm ²	Conductor No/Dia. mm	Nominal Insulated thick mm	Max overall Dia. mm	Condcutor Resistance at 20	Min insulated resistance at 70M 惟/km	Weight Kg/km
2.5	9/0.41	0.8	4.2	7.41	0.011	33.0
4	19/0.52	0.8	4.8	4.61	0.009	48.0
6	19/0.64	0.8	5.6	3.08	0.0084	68.0
10	49/0.52	1.0	7.6	1.83	0.0072	115.0
16	49/0.64	1.0	8.8	1.15	0.0062	176.0
25	98/0.58	1.2	11.0	0.727	0.0058	272.0
35	133/0.58	1.2	12.5	0.524	0.0052	384.0
50	133/0.68	1.4	16.5	0.387	0.0051	510.0
70	189/0.68	1.4	16.5	0.268	0.0045	714.0
95	259/0.68	1.	19.5	0.139	0.0035	965.0
120	259/0.76	1.8	22.0	0.153	0.0032	1210.0
150	259/0.85	1.8	25.0	0.124	0.0032	1510.0

