



PVC INSULATED CABLES SINGLE CORE

Nominal Conductor Area	No. and Diameter of Wire	Radial Thickness of Insulation	Overall Diameter (upper limit)	Approx. Weight	Minimum Insulation Resistance at 70°C
(mm ²)	(mm)	(mm)	(mm)	kg/100m)	M ohm/ km
1.5	1/1.38	0.7	3.3	2.05	0.011
1.5	7/0.52	0.7	3.5	2.18	0.01
2.5	1/1.78	0.8	3.9	3.24	0.01
2.5	7/0.67	0.8	4.2	3.4	0.009
4	7/0.85	0.8	4.8	5	0.0077
6	7/1.04	0.8	5.4	7.09	0.0065
10	7/1.35	1	6.8	11.75	0.0065
16	7/1.70	1	8	17.74	0.005
25	7/2.14	1.2	9.8	27.95	0.005
35	19/1.53	1.2	11	37.2	0.004
50	19/1.78	1.4	13	50.45	0.0045
70	19/2.14	1.4	15	71.06	0.0035
95	19/2.52	1.6	17	8.08	0.0035
120	37/2.03	1.6	19	21.6	0.0032
150	37/2.25	1.8	21	149.8	0.0032
185	37/2.52	2	23.5	187.4	0.0032
240	61/2.25	2.2	26.5	244.44	0.0032
300	61/2.52	2.4	29.5	305.95	0.003
400	61/2.85	2.6	33.5	389.7	0.0028
500	61/3.20	2.8	37	489.4	0.0028
630	127/2.52	2.8	41	624.15	0.0025