

DIMENSIONS

Nominal Cross Sectional Area mm ²	No. Of Wires	Diameter Of Wires mm	Diameter Of Conductors mm	Mechanical Properties Of Plain Copper Wire		Nominal Weight kg/km	Maximum Dc Resistance At 20°C ohms/km
				Minimum ohms/km Elongation %	Minimum Tensile Strength N/mm ²		
1.5	7	0.53	1.59	24	200	13	12.1
2.5	7	0.67	2.01	24	200	21	7.41
4	7	0.85	2.55	24	200	35	4.61
6	7	1.05	3.15	26	200	52	3.08
10	7	1.35	3.85	26	200	87	1.83
16	7	1.74	4.8	28	200	137	1.15
25	7	2.19	5.8	28	200	215	0.727
35	7	2.62	6.9	28	200	300	0.524
50	10	2.62	8.2	28	200	410	0.387
70	14	2.62	9.7	28	200	595	0.268
95	19	2.62	11.4	28	200	820	0.193
120	24	2.62	13.1	28	200	1040	0.153
150	30	2.62	14.2	28	200	1280	0.124
185	37	2.62	15.8	28	200	1600	0.0991
240	48	2.62	18.6	28	200	2100	0.0754
300	58	2.62	20.4	28	200	2700	0.0601
400	55	3	26	33	200	3400	0.047
500	70	3	30	33	200	4400	0.0366