



硬銅/軟銅單線 (國家標準 CNS 666/CNS 1364)

直徑 mm	公差(±) mm	斷面積 mm ²	重量 kg/km	最小導電率 20°C (%)		最大直流電阻 20°C (Ω / km)	
				硬銅線	軟銅線	硬銅線	軟銅線
0.10	0.008	0.007854	0.06982	—	98.0	—	2,240
0.12	"	0.01131	0.1005	—	"	—	1,556
0.14	"	0.01539	0.1368	—	"	—	1,143
0.16	"	0.02011	0.1788	—	"	—	874.9
0.18	"	0.02545	0.2263	—	"	—	691.3
0.20	0.008	0.03142	0.2793	—	98.0	—	559.9
0.23	"	0.04155	0.3694	—	"	—	423.4
0.26	0.01	0.05309	0.4720	—	"	—	331.4
0.29	"	0.06605	0.5872	—	"	—	266.4
0.32	"	0.08042	0.7149	—	99.3	—	215.9
0.35	0.01	0.09621	0.8553	—	99.3	—	180.5
0.40	"	0.1257	1.117	96.0	"	142.9	138.1
0.45	"	0.1590	1.414	"	"	112.9	109.2
0.50	"	0.1964	1.746	"	100.0	91.44	87.79
0.55	0.02	0.2376	2.112	"	"	75.59	72.56
0.60	0.02	0.2827	2.513	96.0	100.0	63.53	60.99
0.65	"	0.3318	2.950	"	"	54.13	51.96
0.70	"	0.3848	3.421	"	"	46.67	44.81
0.80	"	0.5027	4.469	"	"	35.72	34.30
0.90	"	0.6362	5.656	"	"	25.23	27.10
1.0	0.03	0.7854	6.982	96.0	100.0	22.87	21.95
1.2	"	1.131	10.05	"	"	15.89	15.24
1.4	"	1.539	13.68	"	"	11.67	11.20
1.6	"	2.011	17.88	"	"	8.930	8.574
1.8	"	2.545	22.63	"	"	7.057	6.775
2.0	0.03	3.142	27.93	97.0	100.0	5.657	5.487
2.3	"	4.155	36.94	"	"	4.278	4.150
2.6	"	5.309	47.20	"	"	3.348	3.248
2.9	"	6.605	58.72	"	"	2.691	2.610
3.2	0.04	8.042	71.49	"	"	2.210	2.144
3.5	0.04	9.621	85.53	97.0	100.0	1.847	1.792
3.7	"	10.75	95.57	"	"	1.653	—
4.0	"	12.57	111.7	"	"	1.414	1.372
4.3	"	14.52	129.1	"	"	1.224	—
4.5	"	15.90	141.4	"	"	1.118	1.084
5.0	0.04	19.64	174.6	97.0	100.0	0.9050	0.8779
5.5	"	23.76	211.2	"	"	0.7481	0.7256
6.0	0.06	28.27	251.3	"	"	0.6287	0.6099
6.5	"	33.18	295.0	"	"	0.5357	0.5196
7.0	"	38.48	342.1	"	"	0.4619	0.4481
8.0	0.06	50.27	446.9	97.0	100.0	0.3536	0.3430
9.0	"	63.62	565.6	"	"	0.2794	0.2710
10.0	"	78.54	698.2	"	"	0.2263	0.2195
12.0	"	113.10	1,005.0	"	"	0.1572	0.1524



拉斷力(kg)		抗張強度(kg / mm ²)		最小伸長率 250mm (%)		標準 包裝 (kg)	直徑 mm
最小	最大	最小	最大	硬銅線	軟銅線		
硬銅線	軟銅線	硬銅線	軟銅線	硬銅線	軟銅線		
—	—	—	—	—	15.0	0.5	0.10
—	—	—	—	—	"	"	0.12
—	—	—	—	—	"	"	0.14
—	—	—	—	—	"	"	0.16
—	—	—	—	—	"	"	0.18
—	—	—	—	—	15.0	1.0	0.20
—	—	—	—	—	"	"	0.23
—	—	—	—	—	"	2.0	0.26
—	—	—	—	—	20.0	"	0.29
—	—	—	—	—	"	"	0.32
—	—	—	—	—	20.0	10	0.35
5.87	—	46.7	—	0.34	"	"	0.40
7.41	—	46.6	—	0.35	"	20	0.45
9.15	5.50	"	28.0	0.36	"	"	0.50
11.0	6.65	46.5	"	0.37	"	30	0.55
13.1	7.92	46.4	28.0	0.38	20.0	30	0.60
15.4	9.29	"	"	0.40	"	"	0.65
17.8	10.8	46.3	"	0.41	"	"	0.70
23.2	14.1	46.2	"	0.43	25.0	"	0.80
29.3	17.8	46.1	"	0.46	"	"	0.90
36.1	22.0	46.0	28.0	0.48	25.0	40	1.0
51.8	31.7	45.8	"	0.53	"	"	1.2
70.2	41.6	45.6	27.0	0.58	"	60	1.4
91.1	54.3	45.3	"	0.62	25.0	"	1.6
115.0	68.7	45.1	"	0.67	"	"	1.8
141.0	84.8	44.9	27.0	0.72	30.0	60	2.0
185.0	112.0	44.6	"	0.79	"	"	2.3
235.0	143.0	44.2	"	0.86	"	70	2.6
290.0	172.0	43.9	26.0	0.94	"	"	2.9
351.0	209.0	43.4	"	1.01	"	"	3.2
416.0	250.0	43.2	26.0	1.08	30.0	70	3.5
462.0	—	43.0	—	1.13	—	"	3.7
537.0	327.0	42.7	26.0	1.20	30.0	"	4.0
616.0	—	42.4	—	1.27	—	"	4.3
671.0	413.0	42.2	26.0	1.32	30.0	"	4.5
817.0	511.0	41.6	26.0	1.44	30.0	70	5.0
977.0	618.0	41.1	"	1.56	"	90	5.5
1,140.0	735.0	40.5	"	1.68	"	"	6.0
1,330.0	863.0	40.0	"	1.80	"	"	6.5
1,520.0	1,000.0	39.4	"	1.92	"	"	7.0
1,930.0	1,260.0	38.3	25.0	2.16	35.0	90	8.0
2,370.0	1,590.0	37.2	"	2.40	"	"	9.0
2,840.0	1,960.0	36.1	"	2.64	"	"	10.0
3,830.0	2,930.0	33.9	"	3.12	"	"	12.0