



鍍錫硬銅/鍍錫軟銅單線 (國家標準 CNS 670/CNS 1366)

直徑	公差 (±)	截面積	重量	最小導電率 20°C (%)		最大直流電阻 20°C (Ω/km)	
mm	mm	mm ²	kg/km	硬銅線	軟銅線	硬銅線	軟銅線
0.10	0.008	0.00785	0.06982	—	93.0	—	2,360
0.12	"	0.01131	0.1005	—	"	—	1,639
0.14	"	0.01539	0.1368	—	"	—	1,205
0.16	"	0.02011	0.1788	—	"	—	921.9
0.18	"	0.02545	0.2263	—	"	—	728.5
0.20	0.008	0.03142	0.2793	—	93.0	—	590.0
0.23	"	0.04155	0.3694	—	"	—	446.2
0.26	0.01	0.05309	0.4720	—	94.0	—	345.5
0.29	"	0.06605	0.5872	—	"	—	277.7
0.32	"	0.08042	0.7149	—	"	—	228.1
0.35	0.01	0.09621	0.8553	—	94.0	—	190.6
0.40	"	0.1257	1.117	—	"	—	145.9
0.45	"	0.1590	1.414	—	"	—	115.4
0.50	"	0.1964	1.746	—	96.0	—	91.44
0.55	0.02	0.2376	2.112	—	"	—	75.59
0.60	0.02	0.2827	2.513	—	96.0	—	63.53
0.65	"	0.3318	2.950	—	"	—	54.13
0.70	"	0.3848	3.421	—	"	—	46.67
0.80	"	0.5027	4.469	94.0	"	36.49	35.73
0.90	"	0.6362	5.656	"	"	28.83	28.23
1.0	0.03	0.7854	6.982	95.0	96.0	23.11	22.87
1.2	"	1.131	10.05	"	"	16.05	15.88
1.4	"	1.539	13.68	"	"	11.79	11.67
1.6	"	2.011	17.88	"	"	9.025	8.931
1.8	"	2.545	22.63	"	"	7.131	7.057
2.0	0.03	3.142	27.93	96.0	97.0	5.716	5.657
2.3	"	4.155	36.94	"	"	4.322	4.278
2.6	"	5.309	47.20	"	"	3.382	3.343
2.9	"	6.605	58.72	"	"	2.719	2.691
3.2	0.04	8.042	71.49	"	"	2.233	2.210
3.5	0.04	9.621	85.53	96.0	97.0	1.867	1.847
4.0	"	12.57	111.7	"	"	1.429	1.414
4.5	"	15.90	141.4	"	"	1.130	1.118
5.0	"	19.64	174.6	"	"	0.9144	0.9050
5.5	"	23.76	211.2	"	"	0.7559	0.7481
6.0	0.06	28.27	251.3	96.0	97.0	0.6352	0.6287
6.5	"	33.18	295.0	"	"	0.5412	0.5357
7.0	"	38.48	342.1	"	"	0.4667	0.4619
8.0	"	50.27	446.9	"	98.0	0.3573	0.3500
9.0	"	63.62	565.6	—	"	—	0.2765
10.0	"	78.54	698.2	—	"	—	0.2240
12.0	"	113.10	1,005.0	—	"	—	0.1556



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	kg	mm
—	—	—	—	—	10.0		
—	—	—	—	—	"	"	0.12
—	—	—	—	—	"	"	0.14
—	—	—	—	—	"	"	0.16
—	—	—	—	—	"	1.0	0.18
—	—	—	—	—	10.0	"	0.20
—	—	—	—	—	"	"	0.23
—	—	—	—	—	"	"	0.26
—	—	—	—	—	"	2.0	0.29
—	—	—	—	—	15.0	"	0.32
—	—	—	—	—	15.0	3.0~10	0.35
—	—	—	—	—	"	"	0.40
—	—	—	—	—	"	5.0~20	0.45
—	5.50	—	28.0	—	20.0	"	0.50
—	6.65	—	"	—	"	10~30	0.55
—	7.92	—	28.0	—	20.0	10~30	0.60
—	9.29	—	"	—	"	"	0.65
—	10.8	—	"	—	"	"	0.70
18.6	14.1	37.0	"	0.43	"	"	0.80
23.5	17.8	"	"	0.46	"	"	0.90
29.1	22.0	37.0	28.0	0.48	20.0	20~40	1.0
41.8	31.7	"	"	0.53	"	"	1.2
56.9	41.6	"	27.0	0.58	"	30~60	1.4
74.4	54.3	"	"	0.62	"	"	1.6
94.2	68.7	"	"	0.67	"	"	1.8
113.0	84.8	36.0	27.0	0.72	20.0	30~60	2.0
150.0	112.0	"	"	0.79	"	"	2.3
191.0	143.0	"	"	0.86	"	40~70	2.6
238.0	172.0	"	26.0	0.94	25.0	"	2.9
290.0	209.0	"	"	1.01	"	"	3.2
346.0	250.0	36.0	26.0	1.08	25.0	40~70	3.5
453.0	327.0	"	"	1.20	"	"	4.0
572.0	413.0	"	"	1.32	"	"	4.5
707.0	511.0	"	"	1.44	"	"	5.0
855.0	618.0	"	"	1.56	"	60~90	5.5
1,020.0	735.0	36.0	26.0	1.68	25.0	60~90	6.0
1,190.0	863.0	"	"	1.80	"	"	6.5
1,390.0	1,000.0	"	"	1.92	"	"	7.0
1,760.0	1,260.0	"	25.0	2.16	30.0	"	8.0
—	1,590.0	"	"	—	"	"	9.0
—	1,960.0	"	"	—	"	"	10.0
—	2,830.0	"	"	—	"	"	12.0