

## 1-6 鍍錫軟銅絞線

### 規格 Standard/

CNS-672,C2007 鍍錫軟銅絞線

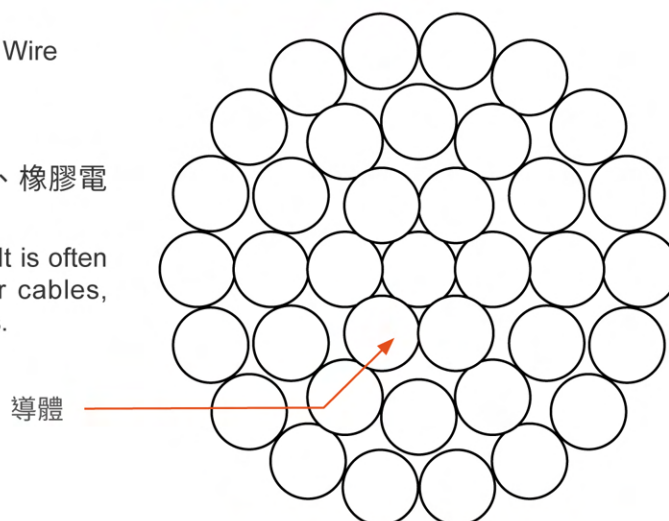
CNS-672,C2007 Tin Coated Annealed Stranded Copper Wire

### 構造 Construction/

### 用途 Application/

易於焊接及防止銅線氧化，常用於通信、電氣機械、橡膠電纜、電力線纜及各種家用電器之導線。

It is easy to weld and prevent oxidation of copper wire. It is often used in communication, electrical machinery, rubber cables, power cables and wires of various household appliances.



標稱截面積 Nominal sectional area	構成 Construction 單線數 / 單線徑 Number/Diameter of wire	計算截面積 Calculate sectional area	外徑 Outer Diameter (約) (approx.)	計算重量 Calculated weight (約) (approx.)	導體電阻 conductor resistance
mm <sup>2</sup>	No./mm	mm <sup>2</sup>	mm	kg/km	Ω/km
0.9	7/0.4	0.880	1.2	7.913	21.1
1.25	7/0.45	1.113	1.35	10.02	16.7
1.4	7/0.5	1.374	1.5	12.37	13.4
2.0	7/0.6	1.979	1.8	17.80	9.28
3.5	7/0.8	3.519	2.4	31.66	5.22
5.5	7/1.0	5.498	3.0	49.46	3.31
8	7/1.2	7.917	3.6	71.19	2.30
14	7/1.6	14.07	4.8	126.7	1.29
22	7/2.0	21.99	6.0	197.9	0.818
30	7/2.3	29.08	6.9	261.7	0.618
38	7/2.6	37.17	7.8	334.4	0.484
50	19/1.8	48.35	9.0	435.1	0.376
60	19/2.0	59.69	10.0	537.0	0.301
80	19/2.3	78.94	11.5	710.3	0.228
100	19/2.6	100.9	13.0	907.6	0.178
125	19/2.9	125.5	14.5	1,129	0.143
150	37/2.3	153.7	16.1	1,390	0.118
200	37/2.6	196.4	18.2	1,776	0.0920
250	61/2.3	253.4	20.7	2,298	0.0715
325	61/2.6	323.9	23.4	2,937	0.0560
400	61/2.9	402.9	26.1	3,654	0.0450
500	61/3.2	490.6	28.8	4,448	0.0370
600	91/2.9	601.1	31.9	5,466	0.0303
725	91/3.2	731.9	35.2	6,655	0.0248
850	127/2.9	838.9	37.7	7,651	0.0217
1000	127/3.2	1021.4	41.6	9,315	0.0179

\* 表中之值為 20°C 之值。

\* 截面積、重量、及最大導體電阻為直徑許可差為零時之值。

\* 密度為 8.89 g/cm<sup>3</sup>