

1-1 軟銅單線

規格 Standard/

CNS-1364,C2030 裸軟銅單線

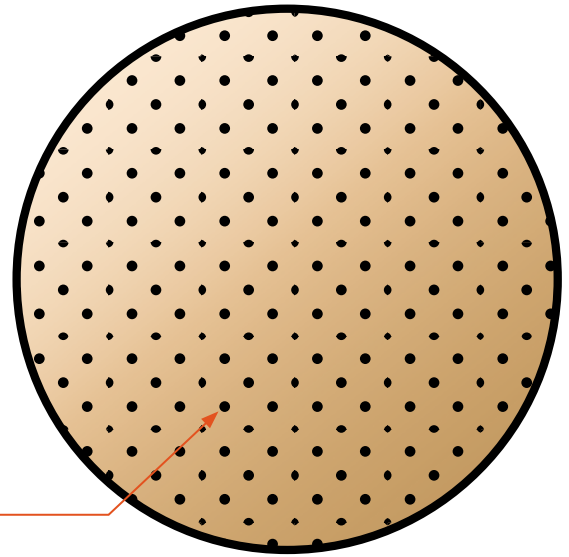
CNS-666,C2002 Bare soft copper single wire

構造 Construction/

使用範圍 Use range/

硬銅線加熱去除冷卻加工所產生之殘餘應力而成，富柔軟性及彎曲性，並具有較高之導電率，適用於通信及電力線纜之導體、電氣機械及各種家用電器之導線。

The hard copper wire is heated to remove the residual stress generated by the cooling process. It is rich in flexibility and flexibility, and has a high electrical conductivity. It is used to make conductors for communication and power cables, electrical machinery and wires for various household appliances.



裸軟銅單線

線徑 Wire diameter	公差 Tolerance	計算截面積 Calculate the cross-sectional area	計算重量 Calculated weight	導電率 Conductivity	抗張強度 strength	伸長率 Elongation	導體電阻 conductor resistance
mm	mm	mm ²	kg/km	%	kg/mm ²	%	Ω/km
0.35	0.01	0.09621	0.8553	99.3↑	--	20↑	180.5
0.40	0.01	0.1257	1.117	99.3↑	--	20↑	138.1
0.45	0.01	0.1590	1.414	99.3↑	--	20↑	109.2
0.50	0.01	0.1964	1.746	100↑	28↓	20↑	87.79
0.55	0.02	0.2376	2.112	100↑	28↓	20↑	72.56
0.60	0.02	0.2827	2.513	100↑	28↓	20↑	60.99
0.65	0.02	0.3318	2.950	100↑	28↓	20↑	51.96
0.70	0.02	0.3848	3.421	100↑	28↓	20↑	44.81
0.80	0.02	0.5027	4.469	100↑	28↓	25↑	34.3
0.90	0.02	0.6362	5.656	100↑	28↓	25↑	27.10
1.0	0.03	0.7854	6.982	100↑	28↓	25↑	21.95
1.2	0.03	1.131	10.05	100↑	28↓	25↑	15.24
1.4	0.03	1.539	13.68	100↑	27↓	25↑	11.20
1.6	0.03	2.011	17.88	100↑	27↓	25↑	8.574
1.8	0.03	2.545	22.63	100↑	27↓	25↑	6.775
2.0	0.03	3.142	27.93	100↑	27↓	30↑	5.487
2.3	0.03	4.155	36.94	100↑	27↓	30↑	4.150
2.6	0.03	5.309	47.20	100↑	27↓	30↑	3.248
2.9	0.03	6.605	58.72	100↑	26↓	30↑	2.610
3.2	0.04	8.042	71.49	100↑	26↓	30↑	2.144
3.5	0.04	9.621	85.53	100↑	26↓	30↑	1.792

* 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/cm³