

銅ニッケル抵抗線第三種の抵抗及び重量表

線径 mm	線径許容差 mm	断面積 mm ²	導体抵抗 Ω/m	導体抵抗許容差 %	重量 g/m
5.00	± 0.07	19.64	0.007637	± 5%	174.8
4.50	"	15.90	0.009343	"	141.6
4.00	± 0.06	12.57	0.001193	"	111.9
3.50	"	9.621	0.001559	"	85.63
3.20	± 0.05	8.042	0.01865	"	71.58
2.90	"	6.605	0.02272	"	58.78
2.60	"	5.309	0.02826	"	47.25
2.30	"	4.155	0.03611	"	36.98
2.00	± 0.04	3.142	0.04774	"	27.97
1.80	"	2.542	0.05893	"	22.66
1.60	± 0.035	2.011	0.07459	"	17.89
1.50	"	1.767	0.08489	"	15.72
1.40	"	1.539	0.09747	± 6%	13.70
1.30	± 0.030	1.327	0.1131	"	11.81
1.20	"	1.131	0.1326	"	10.07
1.10	"	0.9503	0.1579	"	8.457
1.00	± 0.025	0.7854	0.1910	"	6.990
					g/km
0.90	"	0.6362	0.2358	"	5,662
0.85	"	0.5675	0.2643	"	5,052
0.80	"	0.5027	0.2984	"	4,474
0.75	"	0.4418	0.3395	"	3,931
0.70	± 0.02	0.3848	0.3898	"	3,425
0.65	"	0.3318	0.4522	± 7%	2,952
0.60	"	0.2827	0.5307	"	2,516
0.55	"	0.2376	0.6314	"	2,114
0.50	± 0.015	0.1964	0.7637	"	1,748
0.45	"	0.1590	0.9434	"	1,416
0.40	"	0.1257	1.193	"	1,119
0.35	"	0.09621	1.559	± 8%	856.3
0.32	"	0.08042	1.865	"	715.8
0.29	"	0.06605	2.272	"	587.8
0.26	± 0.01	0.05309	2.826	"	472.5
0.23	"	0.04155	3.611	"	369.8
0.20	"	0.03142	4.774	"	279.7
0.18	± 0.009	0.02545	5.893	± 9%	226.6
0.16	± 0.008	0.02011	7.459	"	178.9
0.15	"	0.01767	8.489	"	157.2
0.14	"	0.01539	9.747	"	137.0
0.13	"	0.01327	11.31	"	118.1
0.12	± 0.006	0.01131	13.26	"	100.7
0.11	"	0.009503	15.79	± 10%	84.57
0.10	± 0.003	0.007854	19.10	"	69.90

※ 固有抵抗は $15 \pm 1.5 \mu \Omega \text{ cm}$