



Specification of Enamelled Wire (JIS Class 2、 3)

Conductor (mm)		Class 2 (mm)		Class 3 (mm)		Max. Conduct Resistance at 20°C Ω/km
Diameter	Tolerance	Min. Film Thickness	Max. Overall Diameter	Min. Film Thickness	Max. Overall Diameter	
0.10	±0.003	0.005	0.125	0.003	0.118	2,381
0.11	±0.003	0.005	0.135	0.003	0.128	1,957
0.12	±0.003	0.006	0.147	0.004	0.139	1,636
0.13	±0.003	0.006	0.157	0.004	0.149	1,389
0.14	±0.003	0.006	0.167	0.004	0.159	1,193
0.15	±0.003	0.006	0.177	0.004	0.169	1,037
0.16	±0.003	0.007	0.189	0.005	0.181	908.8
0.17	±0.003	0.007	0.199	0.005	0.191	803.2
0.18	±0.003	0.008	0.211	0.005	0.202	715.0
0.19	±0.003	0.008	0.221	0.005	0.212	640.6
0.20	±0.003	0.008	0.231	0.005	0.222	577.2
0.21	±0.003	0.008	0.241	0.005	0.232	522.8
0.22	±0.004	0.008	0.252	0.005	0.243	480.1
0.23	±0.004	0.009	0.264	0.006	0.255	438.6
0.24	±0.004	0.009	0.274	0.006	0.265	402.2
0.25	±0.004	0.009	0.284	0.006	0.275	370.2
0.26	±0.004	0.009	0.294	0.006	0.285	341.8
0.27	±0.004	0.009	0.304	0.006	0.295	316.6
0.28	±0.004	0.009	0.314	0.006	0.305	294.1
0.29	±0.004	0.009	0.324	0.006	0.315	273.9
0.30	±0.005	0.010	0.337	0.007	0.327	254.0
0.32	±0.005	0.010	0.357	0.007	0.347	222.8
0.35	±0.005	0.010	0.387	0.007	0.377	185.7
0.37	±0.005	0.010	0.407	0.007	0.397	165.9
0.40	±0.005	0.011	0.439	0.007	0.429	141.7
0.45	±0.006	0.011	0.490	0.007	0.479	112.1
0.50	±0.006	0.012	0.542	0.008	0.531	89.95
0.55	±0.006	0.012	0.592	0.008	0.581	74.18
0.60	±0.008	0.012	0.644	0.008	0.632	62.64
0.65	±0.008	0.012	0.694	—	—	53.26
0.70	±0.008	0.013	0.746	—	—	45.84
0.75	±0.008	0.014	0.798	—	—	39.87
0.80	±0.010	0.015	0.852	—	—	35.17
0.85	±0.010	0.015	0.904	—	—	31.11
0.90	±0.010	0.016	0.956	—	—	27.71
0.95	±0.010	0.017	1.008	—	—	24.84
1.00	±0.012	0.017	1.062	—	—	22.49

Special specification can be manufactured according to customer requirements.