

Enamelled Wire by JIS

Dimensional & Electrical data

CONDUCTOR		CLASS 0		CLASS 1		Conductor resistance at 20°C , maximum
Diameter	Tolerance	Film thickness minimum	Overall diameter maximum	Film thickness minimum	Overall diameter maximum	
(mm)						(Ω/km)
0.65	± 0.02	0.027	0.752	0.018	0.724	55.31
0.70	± 0.02	0.028	0.804	0.019	0.776	47.47
0.75	± 0.02	0.030	0.860	0.020	0.830	41.19
0.80	± 0.02	0.031	0.914	0.021	0.882	36.08
0.85	± 0.02	0.032	0.966	0.022	0.934	31.87
0.90	± 0.02	0.033	1.020	0.023	0.986	28.35
0.95	± 0.02	0.034	1.072	0.024	1.038	25.38
1.0	± 0.03	0.036	1.138	0.025	1.102	23.33
1.1	± 0.03	0.037	1.242	0.026	1.204	19.17
1.2	± 0.03	0.037	1.342	0.026	1.304	16.04
1.3	± 0.03	0.039	1.448	0.027	1.408	13.61
1.4	± 0.03	0.039	1.548	0.027	1.508	11.70
1.5	± 0.03	0.041	1.654	0.028	1.612	10.16
1.6	± 0.03	0.041	1.754	0.028	1.712	8.906
1.7	± 0.03	0.042	1.856	0.029	1.814	7.871
1.8	± 0.03	0.042	1.956	0.029	1.914	7.007
1.9	± 0.03	0.044	2.062	0.030	2.018	6.278
2.0	± 0.03	0.044	2.162	0.030	2.118	5.656
2.1	± 0.03	0.045	2.266	0.031	2.220	5.123
2.2	± 0.03	0.046	2.368	0.032	2.322	4.662
2.3	± 0.03	0.046	2.468	0.032	2.422	4.260
2.4	± 0.03	0.048	2.574	0.033	2.526	3.908
2.5	± 0.03	0.049	2.678	0.034	2.628	3.598
2.6	± 0.03	0.049	2.778	0.034	2.728	3.324
2.7	± 0.03	0.049	2.878	0.034	2.828	3.079
2.8	± 0.03	0.049	2.978	0.034	2.928	2.861
2.9	± 0.03	0.049	3.078	0.034	3.028	2.665
3.0	± 0.03	0.049	3.178	0.034	3.128	2.489
3.2	± 0.04	0.049	3.388	0.034	3.338	2.198