



MAGNET WIRE PNS 110 & JIS C 3214

Polyamide-Imide Polyester Copper Wires / OMEGA HAIW, 200°C

Features : Thermal Rating 200OC, Excellent Dielectric Strength, Chemical, Heat, Shock Abrasion and Freon Resistant. Excellent Overload Characteristics.

Application : Hermatic Motors, IE, Refrigeration Compressor, D.C. Field Coil and Armature Randomly Wound Solenoid and Roroid, Stator Wound Induction Motor and Generator, Epoxy Encapsulated Winding, Heavy Duty Transformer and Ballast.

SIZE	Conductor Diameter	Min. Film Thickness	Finished outside diameter, Max.	Max. Conductor Resistance @ 20 °C
AWG	mm	mm	mm	Ohm/km
11	2.3	0.042	2.418	4.219
12	2.0	0.040	2.163	5.316
13	1.83	0.040	1.934	6.693
14	1.63	0.040	1.732	8.437
15	1.45	0.038	1.549	10.660
16	1.29	0.037	1.384	13.440
17	1.15	0.035	1.240	16.951
18	1.02	0.033	1.110	21.392
19	0.91	0.032	0.993	26.981
20	0.81	0.0305	0.892	33.875
21	0.72	0.0280	0.800	42.820
22	0.64	0.0265	0.714	54.441
23	0.57	0.0255	0.643	68.766
24	0.51	0.0240	0.577	86.077
25	0.45	0.0230	0.516	108.404
26	0.40	0.0215	0.462	137.888
27	0.36	0.0205	0.419	171.279
28	0.32	0.0205	0.373	217.079
29	0.29	0.0190	0.338	272.167
30	0.254	0.0165	0.307	348.439
31	0.226	0.0150	0.275	437.497
32	0.203	0.0140	0.247	543.349
33	0.180	0.0125	0.222	692.838
34	0.160	0.0115	0.191	890.579
35	0.142	0.0115	0.178	1119.993
36	0.127	0.0100	0.160	1427.671
37	0.114	0.0090	0.144	1749.989
38	0.102	0.0090	0.129	2239.758



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