



MAGNET WIRE PNS 108 & JIS C 3210

Polyester Enameled Copper Wires SPEW, 155°C, Class F

Features : High heat resistance, Excellent dry and wet dielectric strength,
High continuous operating temperature, Good chemical stability,
Abrasion resistance and windability.

Application : Used for windings of Motor, Torque motor, Transformer, Solenoid,
Dry type transformer, Magnet coils.

SIZE	Conductor Diameter	Min. Film Thickness	Finished outside diameter, Max.	Max. Conductor Resistance @ 20 °C
AWG	mm	mm	mm	Ohm/km
18	1.02	0.0165	10.77	21.392
19	0.91	0.0150	0.963	26.981
20	0.81	0.0150	0.864	33.875
21	0.72	0.0140	0.770	42.820
22	0.64	0.0140	0.686	54.441
23	0.57	0.0125	0.617	68.766
24	0.51	0.0125	0.551	86.077
25	0.45	0.0115	0.493	108.404
26	0.40	0.0115	0.439	137.888
27	0.36	0.0100	0.396	171.279
28	0.32	0.0100	0.356	217.079
29	0.29	0.0090	0.320	272.167
30	0.254	0.0090	0.285	348.439
31	0.226	0.0075	0.255	437.497
32	0.203	0.0075	0.229	543.349
33	0.180	0.0065	0.205	692.838
34	0.160	0.0065	0.183	890.579
35	0.142	0.0050	0.164	1119.993
36	0.127	0.0050	0.147	1427.671
37	0.114	0.0050	0.132	1749.989
38	0.102	0.0040	0.118	2239.758



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