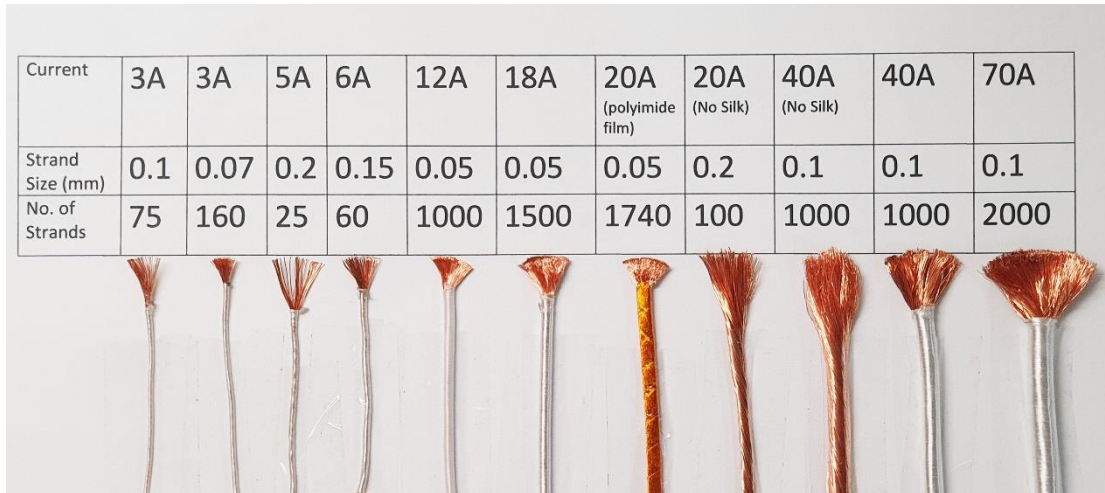




Litz Wire

Cable for high frequency, high power applications

A selection of high quality litz wires designed for use in high frequency power systems such as induction heating, specialist motors, transformers and Tesla Coils.



Cable Specification @ 25 °C

Current (amps)	3	3	5	6	12	18	20	20	40	40	70
Strand Quantity (Configuration)	75	160 (32x5)	25	60	1000	1500 (60x5x5)	1740	100	1000	1000	2000
Strand Diameter (mm)	0.1	0.07	0.2	0.15	0.05	0.05	0.05	0.2	0.1	0.1	0.1
Total Diameter (mm)	1.23	1.25	1.42	1.55	2.55	2.95	3.5x2.4	2.65	4.3	4.4	6.65
Breakdown Voltage	3100	2600	2600	3900	2600	2600	2600	ND	ND	3500	3400
Outer Coating	Silk ¹	Silk ¹	Silk ¹	Silk ¹	Silk ²	Silk ²	Tape ³	none	none	Silk ²	Silk ²
Thermal Class	130	155	155	155	155	155	155	155	155	155	155
Max Resistance (Ω/km)	29.8	28.4	ND	16.06	8.9	6.15	5.36	ND	2.13	2.13	1.06

¹ Polyester Silk Wrapping, 1 layer

² Polyester Silk Wrapping, 2 layers

³ Polyimide Tape Wrapping, 1 layer

ND: No Data available

We also offer custom soldering, coils, and fully custom cable assemblies

If you need sizes other than what we stock, we can make it to order. Lead time for fully custom litz wire is approximately 8 weeks with a minimum order of £500