SOLDERABLE ENAMEL WIRE DATA SHEET

The wire requires a soldering iron temperature of 400°C+ to remove the enamel. (Weller bit temperature code 8 or 9 or Temperature Controlled Iron)
 - ***Solderable Enamelled Copper Wire
 - *Colours – gold/copper, pink/red, green, violet/blue and assorted bobbins coated in self-fluxing polyurethane, conforming to BS4520
 **Grade 2 (now incorporated within BS6811 Section 1, Pt3)
 - Suitable for prototype wiring, PCB track repairs, shorting links and coil forming
Maximum continuous temperature: +120°C
Suitable soldering temperature: 400-480°C
Insulation Thickness
38 swg 0.012 mm Grade 2
36 swg 0.014 mm Grade 2
Resistance: 0.967 Ohms/m typ.
Current Rating
38 swg 82 MA
36 swg 131 MA
Spool Length (Average)
38 swg 38 m
36 swg 27 m
Insulation Breakdown: 1500 V RMS

Bobbins sold 4 per pack

Product: Colour
RRP-C-105: Copper/Gold
RRP-G-105: Green
RRP-P-105: Pink/Red
RRP-V-105: Violet/Blue
RRP-A-105: Assorted – one of each of the above
Wire Diameter: 1/0.15mm (38 SWG)

Product: Colour
RRW-C-105: Copper/Gold
RRW-G-105: Green
RRW-P-105: Pink/Red
RRW-V-105: Violet/Blue
RRW-A-105: Assorted – one of each of the above
Wire Diameter: 1/0.19mm (36SWG)

*The colours can vary, therefore there may be a difference between one batch an another as supplied by our manufacturer.

** Due to occasional supply difficulties, the wire diameters may vary: 0.19mm may be offered as 0.20mm & 0.15mm may be offered as 0.16mm. Also, the grade may vary from Grade 2 to Grade 1. ***Caution: Emits toxic vapour when soldered. Ventilate area well.