

# Solderable Enamelled Copper Wire

## 36SWG, 0.19mm

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### Features:

- Solderable Enamelled Copper Wire\*\*\*
- 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
- Colour-coded to aid identification
- Colours - Copper-gold, violet and pink\*
- 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)

### Specifications:

Standard Wire Gauge	: 36 SWG
Wire Diameter	: 0.19mm
Insulation Thickness	: 0.014mm
Coating	: Grade 2**
Resistance	: 0.967Ω/m typical
Current Rating	: 131MA
Insulation Breakdown	: 1,500Vrms
Max. Continuous Temperature	: +120°C
Soldering Temperature	: +400°C to +480°C
Reel Length (Approximately)	: 27m

#### Note

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

\*\* Due to occasional supply difficulties, the wire diameters may vary : 0.19mm may be offered as 0.2mm. Also, the grade may vary from Grade 2 to Grade 1.

\*\*\*Caution : Emits toxic vapour when soldered. Ventilate area well.

### Part Number Table

Description	Colour	Part Number
Wire, 0.19mm, PK of 4 Reels	Violet	RRW-V-105 PK 4
	Copper-Gold	RRW-C-105 PK 4
	Pink	RRW-P-105

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