

# Solderable Enamelled Copper Wire

## 38SWG, 0.15mm

**multicomp** PRO

**RoHS  
Compliant**



### 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, green 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	: 38 SWG
Wire Diameter	: 0.15mm
Insulation Thickness	: 0.012mm
Coating	: Grade 2**
Resistance	: 0.967Ω/m typical
Current Rating	: 82MA
Insulation Breakdown	: 1,500Vrms
Max. Continuous Temperature	: +120°C
Soldering Temperature	: +400°C to +480°C
Reel Length (Approximately)	: 38m

### 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 : 0.15mm 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.

### Part Number Table

Description	Colour	Part Number
Wire, 1/0.15mm (38 SWG), PK of 4 Reels	Copper/Gold	MPPRRP-C-105
	Green	MPPRRP-G-105
	Pink/Red	MPPRRP-P-105
	Assorted - one of each of the above	MPPRRP-A-105

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

**multicomp** PRO