

Prototyping Wire - continued

Tinned Copper Wire - continued

224020

250g or 500g Reels		Order Code	Price Per Reel			
SWG (approx.)	Reel Size		1+	5+	+	+
35	250g	123-0989	349.00	331.00	--	--
25	250g	123-0990	317.00	303.00	--	--
24	500g	123-0991	634.00	605.00	--	--
22	500g	123-0993	598.00	572.00	--	--
21	250g	123-0994	370.00	346.00	--	--
20	500g	123-0995	585.00	558.00	--	--
18	500g	123-0996	579.00	554.00	--	--
16	500g	123-0997	566.00	540.00	--	--

Wiring Pencil Wire (Insulated)

ROAD RUNNER

1/0.15mm (38 SWG)



- A range of QSE (quick soldering enamel), polyurethane enamelled wire conforming to BS4520 Part 1
- The wire requires a soldering iron temperature of 400°C+ to remove the enamel. (Weller bit temperature code 8 or 9).

**Warning:** During the soldering process the polyurethane coating can produce small amounts of (T.D.I.) toluene di-isocyanate. Fume extraction may be required to ensure permitted safety levels are not exceeded, i.e. (0.02 ppm).

Insulation thickness (min.)	0.012mm (38 SWG) Grade 2.	Insulation breakdown	1500V RMS
	0.014mm (36 SWG) Grade 2.	Current rating	82mA (38 SWG)
Resistance	0.967Ω/m		131mA (36 SWG)

208047

38 SWG (4 x 34m Spools Per Pack)		Price Per Pack	
Colour	Order Code	1+	5+
Copper x 4	146-182	698.00	582.00
Green x 4	146-183	698.00	582.00
Pink x 4	146-184	698.00	582.00

  

36 SWG (4 x 34m Spools Per Pack)		Price Per Pack	
Colour	Order Code	1+	5+
Violet x 4	148-731	698.00	582.00
Pink x 4	148-734	698.00	582.00
Copper x 4	148-732	698.00	582.00

Enamelled Copper Wire



- Coated in self-fluxing polyurethane, conforming to BS4520 Grade 2 (now incorporated within BS6811 Section 1, Pt.3)
- Suitable for coil forming and prototyping wire.

Maximum continuous temperature	120°C
Suitable soldering temperature	400-480°C

**Warning:** During the soldering process the polyurethane coating can produce small amounts of (T.D.I.) toluene di-isocyanate. Fume extraction may be required to ensure permitted safety levels are not exceeded, i.e. 0.02 p.p.m.

SWG (approx.)	Current Rating	Diameter	Length (approx.)	Order Code
35/36	48mA	0.2	1850m	123-0974
34/35	61mA	0.224	1430m	123-0975
33	76mA	0.25	1120m	123-0976
30	120mA	0.315	720m	123-0977
27	194mA	0.4	450m	123-0978
25	304mA	0.5	290m	123-0981
24	381mA	0.56	230m	123-0982
22	613mA	0.71	140m	123-0983
21	779mA	0.8	125m	123-0984
19	1.21A	1	70m	123-0985
18	1.91A	1.25	47m	123-0986
16/17	2.74A	1.5	32m	123-0987

208145

500g Reels		Price Per Reel			
SWG (approx.)	Order Code	1+	5+	+	+
35/36	123-0974	962.00	918.00	--	--
34/35	123-0975	869.00	823.00	--	--
33	123-0976	909.00	869.00	--	--
30	123-0977	841.00	810.00	--	--
27	123-0978	813.00	775.00	--	--
25	123-0981	787.00	758.00	--	--
24	123-0982	732.00	708.00	--	--
22	123-0983	732.00	708.00	--	--
21	123-0984	700.00	660.00	--	--
19	123-0985	683.00	664.00	--	--
18	123-0986	678.00	648.00	--	--
16/17	123-0987	675.00	645.00	--	--

Wire Wrapping Wire - Kynar and Tefzel



1/0.25mm (30 AWG) 1/0.40mm (26 AWG)



- Copper conductors are single silver plated, Kynar insulated, or tinned. Tefzel insulated, the Tefzel being suitable for "cut, strip and wrap" wire wrapping guns.
- Manufactured in accordance with MIL-Q-9858A.

Voltage rating	300V	Operating temperature	-60°C to +130°C (Kynar)
			-60°C to +150°C (Tefzel)

1/0.25mm (30 AWG)

Kynar — 100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	143-381	Orange	120-2485	Green	120-2483	White	143-382
Red	120-2477	Yellow	120-2481	Blue	143-379	Violet	150-078

Kynar — 500m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	143-391	Yellow	120-2482	Blue	143-386	White	143-388
Red	120-2478	Green	120-2484				

Tefzel — 100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	120-2486	Orange	120-2488	Green	120-2490	White	120-2493
Red	120-2487	Yellow	120-2489	Blue	120-2491		

208242

30 AWG		Price Per Reel		
	All Colours	1+	5+	+
100m Kynar	All Colours	714.00	679.00	--
500m Kynar	All Colours	2,910.00	2,693.00	--
100m Tefzel	All Colours	1,903.00	1,810.00	--

1/0.4mm (26 AWG)

Kynar — 100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	150-080	Green	120-2495	Blue	150-085	White	150-087
Red	120-2494						

Tefzel — 100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	120-2496	Green	120-2498	Blue	120-2499	White	120-2500
Red	120-2497						

230306

26 AWG		Price Per Reel		
	All Colours	1+	5+	+
100m Kynar	All Colours	1,330.00	1,172.00	--
100m Tefzel	All Colours	2,383.00	2,222.00	--

Equipment Wire - Solid Core

1/0.6mm (0.28mm<sup>2</sup>)



- PVC insulated tinned copper conductor to DEF61-12 (Part 6) Type 2, and BS4808 Part 2

Nominal outside diameter	1.2mm	Voltage rating	1000V RMS
Wall thickness	0.3mm	Nominal current rating	1.8A @ 70°C

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	121-9335	Orange	121-9338	Blue	121-9343	White	121-9346
Brown	121-9336	Yellow	121-9341	Violet	121-9344	Pink	121-9347
Red	121-9337	Green	121-9342	Grey	121-9345		

100m Reel Kit

1 — 100m reel each colour, Black to Pink **Order Code 121-9348**

208361

		Price Per Reel				
		MIXED QUANTITY PRICING				
		1+	5+	+	+	+
100m All Colours		346.00	278.00	--	--	--
		Price Per Kit				
100m Reel Kit		1+	3+	5+		
		2,554.00	2,417.00	2,306.00		