



TRI-RATED CABLE SPECIFICATION

UK Manufacturers of Tri-rated cable for over 30 years

TRI-RATED SWITCHGEAR & CONTROL GEAR WIRING 105°C

BS 6231, UL Type AWM Style 1015 (Incl. 1028, 1283 and 1284) and CSA C22.2 Type TEW. Plain Annealed Class 5 copper conductor. High temperature flame-retardant PVC insulation. Voltage rating 600/1000V (Uo/U). CPR Compliant to EN 50575.

Nominal Cross Sectional Area of Conductor mm ²	Nominal No. & Diameter of Wires mm	Radial Thickness of Insulation mm	Nominal Overall Diameter mm	Maximum AMPS	Approx AWG	Weight kg/km
0.5	16/0.2	0.8	2.6	11	22	12
0.75	24/0.2	0.8	2.8	14	20	14
1.0	32/0.2	0.8	3.0	17	18	17
1.5	30/0.25	0.8	3.3	21	16	23
2.5	50/0.25	0.8	3.7	30	14	33
4.0	56/0.3	0.8	4.3	41	12	49
6.0	84/0.3	0.8	5.1	53	10	70
10.0	80/0.4	1.20	6.8	75	8	128
16.0	126/0.4	1.60	9.2	100	6	186
25.0	196/0.4	1.60	10.6	136	4	277
35.0	276/0.4	1.60	11.6	167	2	373
50.0	396/0.4	2.10	14.4	204	1	578
70.0	360/0.5	2.10	16.5	259	2/0	783
95.0	475/0.5	2.10	18.7	321	3/0	1004
120.0	608/0.5	2.10	20.0	362	4/0	1320

Colours -

Black, Blue, Brown, Dark Blue, Green, Green/Yellow, Grey, Light Blue, Orange, Pink, Red, Violet, White, Yellow. Other colours / stripe combinations made to order.

Packaging -

50, 100, 500 metre reels. Barrels and other lengths available upon request.

Technical -

Construction

Plain annealed Class 5 copper conductor
PVC Insulation: Heat resisting 105°C
Minimum working temperature -15°C

Current Rating

1. Single conductor in free air
2. Ambient temperature of 45°C
3. Conductor operating temperature of 85°C

Minimum Bending Radius

6 x overall diameter



Tel: 0161 629 9333 Fax: 0161 629 9444 Clynder Cables Ltd

3 Lord North Street
Miles Platting
Manchester
M40 8AD



**SCATTERGOOD
& JOHNSON LTD**
ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product manufacturers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk