

DOUBLE INSULATED TRI-RATED CABLE SPECIFICATION

DOUBLE INSULATED TRI-RATED SWITCHGEAR & CONTROL GEAR WIRING 105°C

To CSA Type TEW, UL Type AWM Style 1015 (Incl. 1028, 1283 and 1284) and BS 6231
PVC Insulated Switchgear flexible

600V AC / 1000V DC

Nominal Cross Sectional Area of Conductor mm ²	Nominal No. & Diameter of Wires mm	Core Radial Thickness of Insulation mm	Sheath Radial Thickness mm	Nominal Overall Diameter mm	Maximum AMPS	Approx AWG
2.5	50/0.25	0.8	0.8	5.45	30	14
4.0	56/0.30	0.8	0.9	6.05	41	12
6.0	84/0.30	0.8	0.9	6.90	53	10
10.0	80/0.40	1.14	0.9	8.55	75	8
16.0	126/0.40	1.55	1.0	11.30	100	6
25.0	196/0.40	1.55	1.1	13.00	136	4
35.0	276/0.40	1.55	1.1	14.35	167	2
50.0	396/0.40	2.05	1.1	17.45	204	1
70.0	360/0.50	2.05	1.1	18.70	259	2/0
95.0	475/0.50	2.05	1.1	20.75	321	3/0

Colours -

Black, Grey, Blue, Light Blue, Dark Blue, Brown, Green, Orange, Pink, Red, Violet, Yellow, White, Green/Yellow.

Packaging -

This product is made to order on 50m and 100m reels with an MOQ.

Technical -

Construction

Plain annealed 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 35°C
3. Conductor temperature rise of 35°C