

SUPERFLEX - Extra Flexible Tri-rated Cable TECHNICAL SPECIFICATION

UK Manufacturers of Tri-rated cable for over 30 years

TRI-RATED (Extra Flexible) SWITCHGEAR & CONTROL GEAR WIRING 105°C

To BS 6231, UL Type AWM Style 1015 (Incl. 1028, 1283 and 1284) and CSA C22.2 Type TEW Flexible Plain Annealed Class 6 single core copper conductor. High temperature flame-retardant PVC insulation. Voltage rating 600/1000V (Uo/U)

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
10.0	315/0.2	1.20	6.8	75	8	128
16.0	504/0.2	1.60	9.2	100	6	186
25.0	770/0.2	1.60	10.6	136	4	277
35.0	1083/0.2	1.60	11.6	167	2	373
50.0	1558/0.2	2.10	14.4	204	1	578
70.0	2204/0.2	2.10	16.5	259	2/0	783
95.0	2983/0.2	2.10	18.7	321	3/0	1004
120.0	3774/0.2	2.10	20.0	362	4/0	1320
150.0	4773/0.2	2.40	24.5	393	250 MCM	1520
185.0	5883/0.2	2.40	26.7	449	350 MCM	1850
240.0	7622/0.2	2.40	31.5	530	450 MCM	2370

Colours -

Black. Other colours manufactured to order.

Packaging -

50 and 100 metre reels. Other lengths available upon request.

Technical -

Construction

Plain annealed Class 6 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

Note the CSA standard does not apply to Superflex Tri-rated cables above 120mm².