

TRI RATED

HEAT RESISTANCE UP TO 105 °C PVC FLEXIBLE CABLES



TYPE: TRI RATED

STANDARDS: EN 50525-2-31:2011

BS 6231 CK 90 °C

UL 758 SYTLE 1015

CSA 22.2 NO.210:15

TECHNICAL DATA:

Max. Operating Temperature:

UL, CSA: -15°C to +105°C BS 6231: -15°C to +90°C

Rated Voltage: 600/1000 V

Declared Performance:

Eca (EN 50575:2014/A1:2016)

Flame Retardant According
to IEC/EN 60332-1-2

CONSTRUCTION:

CONDUCTOR : BS EN 60228 Class 5 Flex Copper

INSULATION : PVC

APPROVALS:



PRODUCT MANUFACTURE NO. 113861



TRI RATED

SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (ohm/km)	APPROXIMATE WEIGHT (kg/km)
TRI RATED				
0.50 (20 AWG)	2.5	11	39.0	11
0.75 (18 AWG)	2.7	14	26.0	14
1 (17 AWG)	2.9	17	19.5	17
1.5 (16 AWG)	3.1	21	13.3	22
2.5 (13 AWG)	3.6	30	7.98	33
4 (12 AWG)	4.1	41	4.95	49
6 (10 AWG)	5.2	53	3.3	68
10 (8 AWG)	6.7	75	1.91	121
16 (6 AWG)	7.1	100	1.21	199
25 (4 AWG)	10.4	136	0.78	260
35 (2 AWG)	11.9	167	0.554	370
50 (1 AWG)	13.1	204	0.386	510
70 (2/0 AWG)	15.1	259	0.272	750
95 (4/0 AWG)	16.1	301	0.206	1030
120 (250 MCM)	17.9	374	0.161	1200
150 (300 MCM)	20.1	429	0.129	1400
185 (350 MCM)	22.9	496	0.106	1878
240 (500 MCM)	24.4	595	0.0801	2381

APPLICATION

Heat resistant, flame retardant cable designed for use in the switch control, relay and instrumentation panels of power switchgear and for purposes such as internal connectors in rectifier equipment, motor starters and controllers.

REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



CORE IDENTIFICATION

Core Color : Blue, Brown, Black, Grey, Green/Yellow, White, Orange, Red, Pink, Purple, Yellow, Green