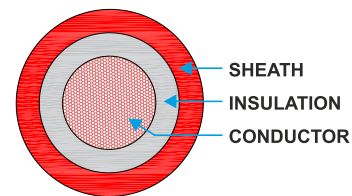


Trirated Cables (BASEC)

BS 6231 CK 90°C



Application

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

Properties

- Enhanced thermal, electrical, mechanical and fire properties
- PVC self-extinguishing and flame retardant according to EN 60332-1-2.
- BASEC certification

Construction

- Conductor material : ABC according to IEC 60228
- Insulation : HR PVC 105 deg C
- Standard : BS 6231

Technical Parameter

- Voltage rating : 600 / 1000V
- Temperature UL, CSA : +105°C
- Minimum bending radius : 6 x Overall diameter
8 mm : 4 x outer diameter.
- Approx. diameter : > 8 to 12 mm : 5 x outer diameter.
- Approx. diameter : > 12 mm: 6 x outer diameter.
- Test voltage : 4000V
- Mark on cable : MIRACLE CABLE 1CX sqmm Type CK heat resisting 90 Table 2 Insul. TI 3 class 5 600/1000 V BS 6231:2006

Dimension

Part code	Area. Sq.mm.	Insulation Thickness (mm)	Outer sheath Thickness (mm)	Approx. Cable Diameter (mm)	Cable Weight (Kg/Km)
2501B000501	0.5	0.8	2.4	3.0	11
2501B000701	0.75	0.8	2.6	3.1	14
2501B001001	1	0.8	2.7	3.3	16
2501B001501	1.5	0.8	3.0	3.6	21
2501B002501	2.5	0.8	3.4	4.1	32
2501B004001	4	0.8	3.9	4.8	46
2501B006001	6	0.8	4.4	5.3	64
2501B010001	10	1.0	5.7	7.2	109
2501B016001	16	1.0	6.7	9.0	166
2501B025001	25	1.2	8.4	11.5	256
2501B035001	35	1.2	9.7	12.5	352
2501B050001	50	1.4	11.5	15.4	501
2501B070001	70	1.4	13.2	17.5	692
2501B095001	95	1.6	15.1	19.2	914
2501B120001	120	1.6	16.7	21.2	1155
2501B150001	150	1.8	18.6	23.9	1441
2501B185001	185	2.0	20.6	25.9	1754
2501B240001	240	2.2	23.5	28.9	2305



2501 - Trirated Cables (BASEC)