



C.R.I. CABLES
Quality to the core

**Highly insulated PVC Sheathed
FLAT CABLES**

IS : 694



CM/L - 3406447

SPARKE



High Ageing Property



Double Layer Protection



*Assured by 99.97% E.C.
Grade Copper*



High insulation resistance

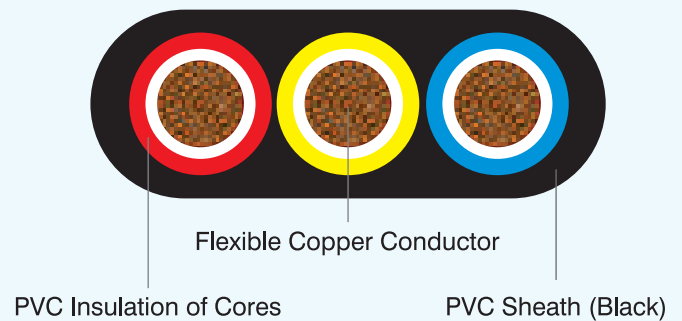


Highly insulated PVC Sheathed FLAT CABLES



C.R.I. Cables are manufactured as per Indian Standards that generally conforms to IS 694. In which, 3 core Flat Cables are produced by using 99.97% Electrolytic Copper, Drawn, Annealed and Bunched together to form uniform resistance and flexibility. The conductors are insulated with specially formulated superior grade PVC compounds with double layer protection.

Specifications :	
Voltage Grade	1100 V - AC Supply
Temperature Range	-10°C to +70°C
Conductor	High conductivity annealed copper
Insulation / Sheath Material	Flexible waterproof PVC
Sheath Colour	Black
Core Colours	Red, Yellow & Blue



Applications :

These cables enjoy longer and trouble free life and are ideally suitable for giving the power connection in submersible motors.

PARAMETER	3 CORE FLAT CABLES AS PER IS-694			
Conductor Area in mm ² . (Nominal)	1.5	2.5	4	6
No. of strands and Diameter (Nominal)	30/0.26 (max.)	50/0.26 (max.)	56/0.31 (max.)	84/0.31 (max.)
Thickness of Insulation in mm. (Nominal)	0.6	0.7	0.8	0.8
Thickness of Sheath in mm. (Nominal)	0.9	1	1	1.1
Maximum Overall Dimensions in mm. (W)	12	13	15.3	19.2
Maximum Overall Dimensions in mm. (H)	5.6	6.2	7.1	8.4
Maximum Conductor Resistance at 20°C Ohms/km	13.3	7.98	4.95	3.3
Current carrying capacity at 40oC Amps	14.0	18.0	26.0	31.0

Note : Conductor construction generally conforms to meet the resistance value as per IS 8130:2013