



FLAT CABLE

 **ULTRACAB**[®]
WIRES & CABLES
An Iso 9001:2008 Certified Company

A Name That Lights The Nation



IS : 694



CPRI

TAC

FIA

R&B

MSEB

FLAT CABLE

“ULTRACAB” is the leading manufacturer of Submersible Flat cables. ULTRACAB is the fastest growing company in cable industry. “ULTRACAB” 3 core flat cables have been specifically designed for submersible pump motors. The manufactured keeping in mind tough and difficult conditions in which they have to operate. These cables confirms to ISI and are mark IS : 694 : 1990.

Conductors: The conductors are drawn from bright electrolytic grade copper annealed and bunched together & have 99.97% Purity.

Insulation: Bunched conductors are insulated with specially formulated PVC compound having high insulation resistance values.

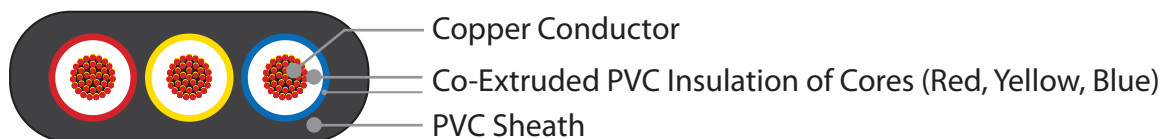
Sheathing: 3 Core are in parallel position and sheathed with a special grade of PVC Compound which is impervious to water, grease, oil etc.

Ultracab Submersible Flat Cable (As Per IS : 694 : 1990)

Size of Conductor	Number/Nom. Dia. of Wires (Nom.)	Thickness of Insulation (Nom.)	Sheath Thickness (Nom.)	Approx Overall Dimension (W*T)	Current Carrying Capacity	Resistance (max.) KM @20° C
(In Sq. mm)	mm	mm	mm	mm		
1.50	22/0.30	0.6	0.90	11.6 * 5.5	16	12.10
2.50	36/0.30	0.7	1.00	13.9 * 6.4	22	7.41
4.00	56/0.30	0.8	1.00	16.1 * 7.1	29	4.95
6.00	85/0.30	1.0	1.15	18.6 * 8.0	37	3.30
10.0	140/0.30	1.0	1.40	23.4 * 10.0	51	14.91
16.0	226/0.30	1.0	1.40	27.0 * 11.4	68	1.21
25.0	354/0.30	1.2	2.00	35.4 * 15.0	86	0.78
35.0	495/0.30	1.2	2.00	39.3 * 16.3	110	0.55

Construction of Flat Cable

3 Core Flat Cables



Application: Ideal For Irrigation Pumps, Drinking Water Supply Pumps, Offshore Drilling Rings, Firefighting Equipment, Sewage Treatment Plants, Sea Water Handling Equipments

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