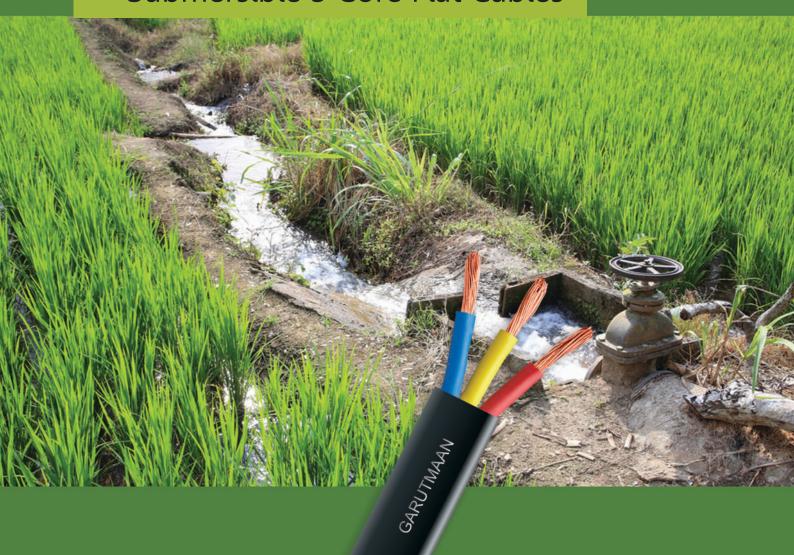


Submersible 3 Core Flat Cables









3 Core Flat PVC Insulated and Sheathed Cables













"Garutmaan" PVC insulated and sheathed 3 Core Flat cables, conforming to IS 694, are manufactured using high conductivity, electrolytic grade, bright, plain annealed copper conductors.

The 3 Core Flat sheathed cables are manufactured in sizes ranging from 1.5 to 6.0 mm².

Higher size cables can also be supplied on customer demand.

Technical Data:

Туре	: Flat, 3 Core Cable				
Conductor	: Plain Annealed Copper (Class 2/5) as per IS 8130				
Insulation	: PVC Type A, as per IS 5831				
Assembly	: 3 Cores are laid parallel, side-by- side				
Sheath	: PVC Type ST1, as per IS 5831				
Ref. Specifications	: IS 694				
Cable Range	: 1.5 mm ² to 6.0 mm ²				
Working Voltage	: Up to 1100 V				
Application	: The cables are mainly used for supply of power to submersible pump motors.				
Normal Packing Length	n: In 100 m coils or longer lengths on wooden drums				
Standard Colors	: Black				

The standard cables are provided with the IS 694 mark and the CE mark. These cables comply with RoHS directive.

Garutmaan Item Code	Nominal Area of Copper Conductor	Number / Dia. Of strands (Nom.)	Thickness Of Insulation (Nom.)	Thickness Of Sheath (Nom.)	Overall Dimension WxH (Approx.)	Current Carrying Capacity	Conductor Resistance @20°C (Max.)	Approx. Weight
	mm²	mm	mm	mm	mm	Amps.	Ω/km	kg/km
3CFPISC0103004	1.5	* 22/0.3	0.6	0.9	10.7 x 4.9	16	12.1	104
3CFPISC0103005	2.5	* 36/0.3	0.7	1.0	12.8 x 5.8	22	7.41	154
3CFPISC0103006	4.0	** 56/0.3	0.8	1.0	14.9 x 6.5	29	4.95	213
3CFPISC0103007	6.0	** 84/0.3	0.8	1.1	17.3 x 7.4	35	3.30	316

^{*} As per Conductor class 2 of IS 8130

Note:

The above data is indicative, and may be revised without prior notice, as a part of ongoing development activities and continual improvement efforts. The conductor construction (number of wires & strand diameter) may be revised, but will satisfy the requirements of IS 8130.

Manufactured by :



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Unit II:

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^{**} As per Conductor class 5 of IS 8130