



**Lāḍā**<sup>®</sup>  
POWER SAVER PUMPS

From the manufacturers of

**Lāḍā**<sup>®</sup> Power Saver Pumps  
POWER SAVER PUMPS



## Submersible Flat Cables

100%  
COPPER

PURE COPPER  
CORRECT GAUGE



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## 3 Core Flat Cables For Submersible Pump Motors

3 Core Flat Cables are manufactured for critical space requirement, protection against indefinite immersion in water under specified conditions, protection against rain-water and against ingress of small solid foreign bodies.

3 Core Flat Cables are produced from best quality electrolytic copper, which is drawn, annealed on-line and bunched on automatic machines to ensure flexibility and uniform resistance. The conductors are insulated with a special grade of PVC on sophisticated co-extrusion lines.

Outer sheath consists of highly abrasion resistant PVC compound impervious to grease, oil and water etc.



### 3 Core Flat Cables (as per IS 649)

3 Core flat Cables are having the same features of Submersible Cables as given above. These are having minimum insulation and sheathing thickness as specified in the IS 694

Conductor		Insulation	Sheath		Conductor Resistance @20°C (Max.) Ohms/km	Current Carrying Capacity @40°C Amps
Area (Nom.) Sq. mm.	No./dia. of stands mm.	Thickness (Nom.) mm	Overall dimensions			
			Thickness (Nom.) mm	Size (Approx.)(WxT) mm		
1.5	22/0.3	0.8	1.1	12.4 x 6.4	12.10	16
2.5	36/0.3	0.9	1.2	14.30 x 6.8	7.41	22
4.0	56/0.3	1	1.3	14.75 x 6.9	4.95	29

### 3 Core Flat Cables (generally conforming to IS : 649)

Conductor		Insulation	Sheath		Conductor Resistance @20°C (Max.) Ohms/km	Current Carrying Capacity @40°C Amps
Area (Nom.) Sq. mm.	No./dia. of stands mm.	Thickness (Nom.) mm	Overall dimensions			
			Thickness (Nom.) mm	Size (Approx.)(WxT) mm		
6	84/0.3	1.1	1.4	17.9 x 8.0	3.30	37
10	80/0.4	1.3	1.6	23.5 x 10.4	1.91	51
16	126/0.4	1.4	1.8	27.4 x 12.0	1.21	68
25	196/0.4	2	2.2	35.4 x 15.3	0.78	86
35	495/0.3	2.1	2.2	35.4 x 16.7	0.554	110

#### Salient Features

- Product Range: 1.5 Sq. mm to 6.0 Sq. mm
- Conforms to IS 694
- Continuous current conductor temperature : 70<sup>0</sup> C
- Specially formulated PVC compound
- Better abrasion and impact resistance
- Higher current carrying capacity

Manufactured by:

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