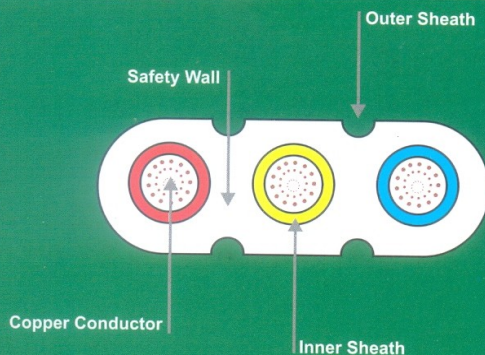


## Constructional Overview



## 3 CORE PVC INSULATED FLAT CABLE

'A submersible Pump cable is a specialized product to be used for submersible pumps in a deep well'. Step 3 Core Flat Cables are made keeping in mind the severe operating conditions. Three Core Flat are used to connect underwater Submersible Pump sets to the supply line

### Technical Advantage

- \* 99.97% pure copper conductivity.
- \* Step is using safety wall between each core which increases the life of cable and help in avoiding short circuits.
- \* Compound used for sheathing is Heat retardant which helps in decreasing the outside temperature which ultimately leads to increase in current carrying capacity of the cable.
- \* Space given on upper and lower surface of the cable helps in maintaining proper Air flow and boost heat resistance of the cable.
- \* Individual outer sheath for each core.
- \* The cable is designed in THAILAND after complete Research & Development.
- \* The Design of Submersible Cable is Patented by Government of India Under Design No. 250447

**Step PVC insulated and PVC sheathed cable with plain copper conductor having three core flat Specialised for Submersible Motors Voltage upto 1100V**

### 3 CORE FLAT SPECIALISED CABLES AS PER IS 694 : 1990 WITH ISI MARK

Conductor		Insulation	Sheath	Overall Dimensions		Conductor Resistance @20°C (Max) OHMS/KM.	Current Carrying Capacity @ 40°C AMPS
Area	No. / Dia. of Strands	Thickness	Thickness	Width	Height		
Sq. mm.	mm.	(Nom.) mm.	(Nom.) mm.	(Approx.) 'W' mm	(Approx.) 'H' mm.		
1.5	22/0.30	0.7	0.9	12.5	5.6	12.10	14
2.5	36/0.30	0.9	1.1	14.5	5.6	7.41	18
4	56/0.30	1.0	1.1	16.5	7.4	4.95	26
6	84/0.30	1.0	1.2	19.5	8.0	3.30	31
10	140/0.30	1.0	1.2	22.5	9.6	1.91	42

REMARK : Number / Size of strand mentioned above are for information purpose only. Actual Number / Size of stand will be taken to fulfill the resistance of the Conductor