

## APPLICATION

To supply power to the submersible pumps for:

- Irrigation.
- Drinking Water-Supply.
- Industries.
- Mine Dewatering.
- Offshore drilling rigs.
- Sewage treatments plants.
- Sea water Handling.
- Fire Fighting.

## CABLE DESIGN:



Submersible Pump cable is a specialized product to be used for submersible pumps in a deep well. The area of installation is physically restrictive, and the environment is very hostile. **JAINSON** is designed and manufactured keeping in mind these factors to achieve the highest possible degree of reliability.

## JAINSON 3 CORE FLAT CABLES FOR SUBMERSIBLE PUMPS

650 / 1100 VOLTS

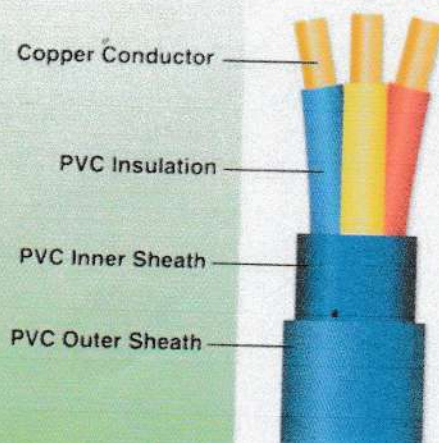
JAINSON 3 CORE FLAT CABLES FOR SUBMERSIBLE PUMPS

CONDUCTOR		PVC INSULATION		PVC SHEATH			Current Rating at 30° C. Amps.	Approx Weight Kg./Km.
Nominal Area in Sq.mm.	Nos. & Dia. of wire	Nominal Thickness mm.	Nominal Core Dia. mm.	Nominal Thickness mm.	Approx. Overall Dimensions			
	Nos. / mm.				Thickness mm.	Width mm.		
1.5	22/0.30	0.8	3.25	1.15	6.0	12.8	16	125
2.5	36/0.30	0.9	3.84	1.15	6.4	14.6	20	175
4.0	56/0.30	1.0	4.65	1.15	7.4	17.2	28	235
6.0	85/0.30	1.0	5.30	1.15	7.9	18.7	34	325
10.0	140/0.30	1.0	6.60	1.40	9.9	23.7	46	525
16.0	226/0.30	1.0	8.20	1.40	11.4	28.0	62	785
25.0	354/0.30	1.2	10.10	2.00	14.7	35.5	79	1270
35.0	495/0.30	1.2	11.50	2.00	16.2	39.5	98	1640
50.0	703/0.30	1.4	13.60	2.20	18.3	45.5	125	2080
70.0	440/0.45	1.4	15.30	2.20	20.0	51.0	156	2830
95.0	475/0.50	1.6	18.00	2.40	23.5	60.0	180	3620

### Note :

- The number of wires is approximate and wire diameter is nominal; they shall be such as to satisfy the requirements of conductor resistance as per Class 5 of IEC 60228 / DIN VDE 0295 / IS 8130 / BS 6360
- 4 core and 5 core flat cables are available on request.

## JAINSON DOUBLE SHEATED ROUND CABLES FOR SUBMERSIBLE PUMPS



650 / 1100 VOLTS

Nos. of Cores and core area	Approx. outside diameter	Nos. of cores and core area	Approx. outside diameter
Nos. x mm <sup>2</sup>	mm	Nos. x mm <sup>2</sup>	mm
3 x 1.5	10.0	4 x 1.5	10.8
3 x 2.5	11.0	4 x 2.5	12.2
3 x 4	13.0	4 x 4	14.1
3 x 6	14.6	4 x 6	16.0
3 x 10	18.0	4 x 10	20.8
3 x 16	21.2	4 x 16	23.4
3 x 25	26.0	4 x 25	28.8
3 x 35	28.3	4 x 35	31.5
3 x 50	33.5	4 x 50	37.3
3 x 70	37.8	4 x 70	42.2
3 x 95	43.5	4 x 95	48.8