

## 3 CORE FLAT SUBMERSIBLE CABLE

**APPLICATION :** Ideal for Irrigation pumps, Drinking water supply pumps, Offshore drilling rigs, Firefighting equipments, Sewage treatment plants, Sea water handling equipments, etc.

**CONDUCTOR :** Thin strands of electrolytic copper having highest purity, least resistance are multi drawn for uniformity in dimension and flexibility.

**INSULATION :** The conductors are insulated with specially formulated super flexible PVC compound having high insulation resistance values.

**SHEATHING :** 3 cores are in parallel position and sheathed with high abrasion resistant PVC compound impervious to grease, oil, water, etc.

**BENEFITS :** Tough and flexible cable provides safety, Excellent moisture & weather resistance, Best quality of electrolytic grade copper saves power, High abrasion resistance, Wide temperature range : -15°C to 70°C.

**MARKING :** The cables are marked as 'CHINA EES CABLE'.

### SIZES, DIMENSIONS AND RATINGS

Conductor		PVC Insulation		PVC Sheath			Conductor Resistance at 20°C (max)	Current Rating at 40°C
Nominal Area	Number & Nominal Dia. of Strands	Nominal Thickness	Nominal Core Diameter	Nominal Thickness	Approx Over All Dimension			
Sq. mm	Nos. / mm	mm	mm	mm	Thickness (T)	Width (W)	Ω/km	Amps.
1.5	22 / 0.30	0.8	3.25	1.15	6.0	12.8	12.1	16
2.5	36 / 0.30	0.9	3.84	1.15	6.4	14.6	7.41	22
4	56 / 0.30	1.0	4.5	1.15	7.4	16.8	4.95	29
6	84 / 0.30	1.0	5.3	1.15	7.9	18.7	3.30	37
10	14 / 0.30	1.0	6.5	1.4	9.9	23.7	1.91	51
16	224 / 0.30	1.0	8.0	1.4	11.4	28.0	1.21	68
25	350 / 0.30	1.2	10.1	2.0	14.7	35.5	0.780	86
35	490 / 0.30	1.2	11.5	2.0	16.2	39.5	0.554	110
50	703 / 0.30	1.4	13.6	2.2	18.3	45.5	0.386	125

- 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

