

4 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 water resistance values.

SHEATHING : 4 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	1.3	6.0	15.8	12.1	16
2.5	36 / 0.30	0.9	3.84	1.3	6.5	18.0	7.41	22
4	56 / 0.30	1.0	4.5	1.45	7.6	21.0	4.95	29
6	84 / 0.30	1.0	5.3	1.5	7.9	24.3	3.30	37
10	14 / 0.30	1.0	6.5	1.8	9.9	29.7	1.91	51
16	224 / 0.30	1.0	8.0	1.95	11.8	36.0	1.21	68
25	350 / 0.30	1.2	10.1	2.0	14.7	45.1	0.780	86
35	490 / 0.30	1.2	11.5	2.0	16.2	50.1	0.554	110
50	703 / 0.30	1.4	13.6	2.2	18.3	58.1	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

