

3 CORE FLAT SUBMERSIBLE CABLE

APPLICATION: Ideal for Irrigation pumps, Drinking water supply pumps, Offshore drilling rings, 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			
Number & Nominal	ninal Nominal a. of Thickness	Nominal Core Diameter	Nominal Thickness	Approx Over All Dimension		Resistance at 20°C	Current Rating at 40°C
Area Dia. of Strands				Thickness (T)	Width (W)	(max)	
Nos. / mm	mm	mm	mm	mm	mm	Ω/km	Amps.
22 / 0.30	0.8	3.25	1.15	6.0	12.8	12.1	16
36 / 0.30	0.9	3.84	1.15	6.4	14.6	7.41	22
56 / 0.30	1.0	4.5	1.15	7.4	16.8	4.95	29
84 / 0.30	1.0	5.3	1.15	7.9	18.7	3.30	37
14 / 0.30	1.0	6.5	1.4	9.9	23.7	1.91	51
224 / 0.30	1.0	8.0	1.4	11.4	28.0	1.21	68
350 / 0.30	1.2	10.1	2.0	14.7	35.5	0.780	86
490 / 0.30	1.2	11.5	2.0	16.2	39.5	0.554	110
703 / 0.30	1.4	13.6	2.2	18.3	45.5	0.386	125
	Number & Nominal Dia. of Strands Nos. / mm 22 / 0.30 36 / 0.30 56 / 0.30 84 / 0.30 14 / 0.30 224 / 0.30 350 / 0.30 490 / 0.30	Number & Nominal Dia. of Strands Nominal Thickness Nos. / mm mm 22 / 0.30 0.8 36 / 0.30 0.9 56 / 0.30 1.0 84 / 0.30 1.0 14 / 0.30 1.0 224 / 0.30 1.0 350 / 0.30 1.2 490 / 0.30 1.2	Number & Nominal Dia. of Strands Nominal Thickness Nominal Core Diameter Nos. / mm mm mm 22 / 0.30 0.8 3.25 36 / 0.30 0.9 3.84 56 / 0.30 1.0 4.5 84 / 0.30 1.0 5.3 14 / 0.30 1.0 6.5 224 / 0.30 1.0 8.0 350 / 0.30 1.2 10.1 490 / 0.30 1.2 11.5	Number & Nominal Dia. of Strands Nominal Thickness Nominal Core Diameter Nominal Thickness Nominal Thickness Nos. / mm mm mm mm 22 / 0.30 0.8 3.25 1.15 36 / 0.30 0.9 3.84 1.15 56 / 0.30 1.0 4.5 1.15 84 / 0.30 1.0 5.3 1.15 14 / 0.30 1.0 6.5 1.4 224 / 0.30 1.0 8.0 1.4 350 / 0.30 1.2 10.1 2.0 490 / 0.30 1.2 11.5 2.0	Number & Nominal Dia. of Strands Nominal Thickness Nominal Core Diameter Nominal Thickness Thickness	Number & Nominal Dia. of Strands Nominal Thickness Nominal Core Diameter Nominal Thickness Nominal Thickness Nominal Thickness Approx Over All Dimension Nos. / mm 1.8 1.15 6.4 1	Number & Nominal Dia. of Strands Nominal Dia. of Strands Nominal Dia. of Strands Nominal Dia. of Strands Nominal Thickness Diameter Nominal Thickness Nominal Thickness Nominal Diameter Diameter Approx Over All Diameter All Diameter Resistance at 20°C (max) Nos. / mm mm mm mm mm mm 0/km 0/km 0/km 0/km 0/km 0/km 0/km 12.1

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

