

A Strong **Trust** with **Modern** Technology

Capital[®]

WIRES & CABLES



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“CAPITAL” is the leading manufacturer of HDPE Pipes, Column Pipes, Garden Pipes, Submersible flat cables & service cables. “CAPITAL” 3 core flat cables have been specifically designed for submersible pump motors. The manufacturing process of submersible pump cables and round submersible cables is done considering tough and in appropriate site conditions in which they have to operate or perform. These cables confirm to ISI and are mark IS:694:1990.

CAPITAL multi core flat cables consist of 3 insulated cores laid side by side and extruded over it using black sheathing grade PVC. These cables are flat in nature and therefore are called flat cables. Cores are not laid up in this type of cables and are parallel to each other. CAPITAL three core flat cables are manufactured under stringent quality control systems. CAPITAL three core flat cables are ideally suited for heavy duty applications in submersible pumps, in which the sheathing must withstand abrasion and prevent ingress of water inside. The sheathing is made of special grade sheathing PVC which gives the required finishing and strength.

Detailed description of submersible flat cable :

Conductors: The conductors are drawn from bright electrolytic grade copper annealed and bunched together & have 99.97% to 99.99% purity.

Insulation: Bunched conductors are insulated with specially formulated PVC compound having high insulation resistance values.

Sheathing: 3 core are in parallel position and sheathed with a special grade of PVC compound which is impervious to water, grease, oil etc.

Applications :

- CAPITAL flat cables for submersible pumps & motors
- Ideal for irrigation pumps
- Drinking water supply pumps
- Offshore drilling rings
- Firefighting equipment
- Sewage treatment plants
- Sea water handling equipments

Technical Data :

- Approvals : IS 694 marked, FIA/TAC
- Conductor : electrolytic grade annealed copper
- Core colour : red, yellow, blue, black
- Sheath colour : black
- Voltage grade : up to and including 1100V
- Packing : standard packing of 500 mtr. in coils. Longer length available on request. Variants available

