REACH and RoHS compliant
3 Core Flat Submersible Cable
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3 Core flat submersible cable is specifically manufactured to power submersible pumps which goes deep inside earth surface to fetch water. This specially designed cable is capable to provide electrical energy to submersible pump installed under water in harsh & hostile conditions.

Conductor
The conductor is made of multistrand electrolytic grade copper wire of highest purity of 99.97% purity. The conductors are fully annealed into a compact, cohesive and uniform conductor with extra flexibility and conductivity more than 100%. The entire process is carried out in fully automatic plant that incorporates the latest cable technology and manufacturing techniques with PLC based machines, which ensure high degree of quality and consistency.

Insulation
Bunched conductors are insulated with specially formulated REACH and RoHS FR PVC compound that has high insulation resistance, thermal stability and a high degree of flexibility. Water absorption is nil by usage of special additives that inhibit water penetration/absorption.

Sheathing
It protects the insulated core which are laid flat parallelly from mechanical damage, the REACH and RoHS PVC sheathing compound is specially formulated which combines superior mechanical strength, zero water permeability, abrasion resistance and desired flexibility to withstand rigorous use involving impact and abrasion.

Features
- Tough & flexible cable with excellent moisture, abrasion & weather resistance
- Safe, reliable with excellent wet electrical properties
- Available with RoHS PVC for drinking water pump
- Working voltage - 1100 Volt
- Conductor - bright annealed 99.97% pure bare copper conductor confirming to IS 8130 : 2013
- Color of cores - Red, Yellow, Blue
- Specification - IS 694:2010
- Best quality of electrolyte grade copper
- Excellent weather and moisture resistance
- Good insulation properties when submerged in water
- Excellent mechanical & electrical properties
- Progressive sequential length marking on every meter
- Embossing on sheath
- Outer sheath comprises of highly abrasion resistant PVC compound impervious to grease, oil and water etc.
- Available in drums of cable length 500 mtr +/- 5%
- Cable also available in 100 mtr length

Application
To supply power to submersible pumps in deep bore well for:

- Irrigations
- Drinking water supply
- Mine dewatering
- Industries
- Swimming pools
- Fountains
- Offshore drilling rigs
- Sewage treatment plants
- Sea water filtration plants
- Aquariums