



Aetrio

Aetrio Technology India Pvt. Ltd.

An ISO 9001:2008 Certified Company

Manufacturer of Cable & Wire



**HIGH QUALITY PRODUCTS
PROFESSIONAL
CABLE MANUFACTURER**



CML No. 9512482410



Aetrio



Aetrio Introduction

House wiring consists of an electrical wiring system that distributes energy to be used in equipment and appliances around the house. It also involves the proper installation and operation of the electrical outlets, switches, breakers, meter base and different electrical circuits.

Aetrio Features

- Excellent Electrical & mechanical properties.
- High Flame retardant properties.
- Higher Flexibility ensure easy handling & longer life.
- Steam and boiling water resistant & anti-rat.
- 100% copper conductivity
- 99.96% pure electrolytic copper
- Dual layer in insulation provides better strength
- High flexibility due to uniform bunching.
- Attractive packaging
- High ageing property

Our Approach

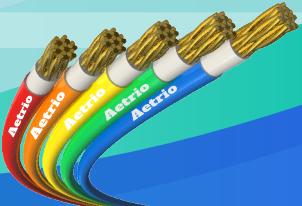
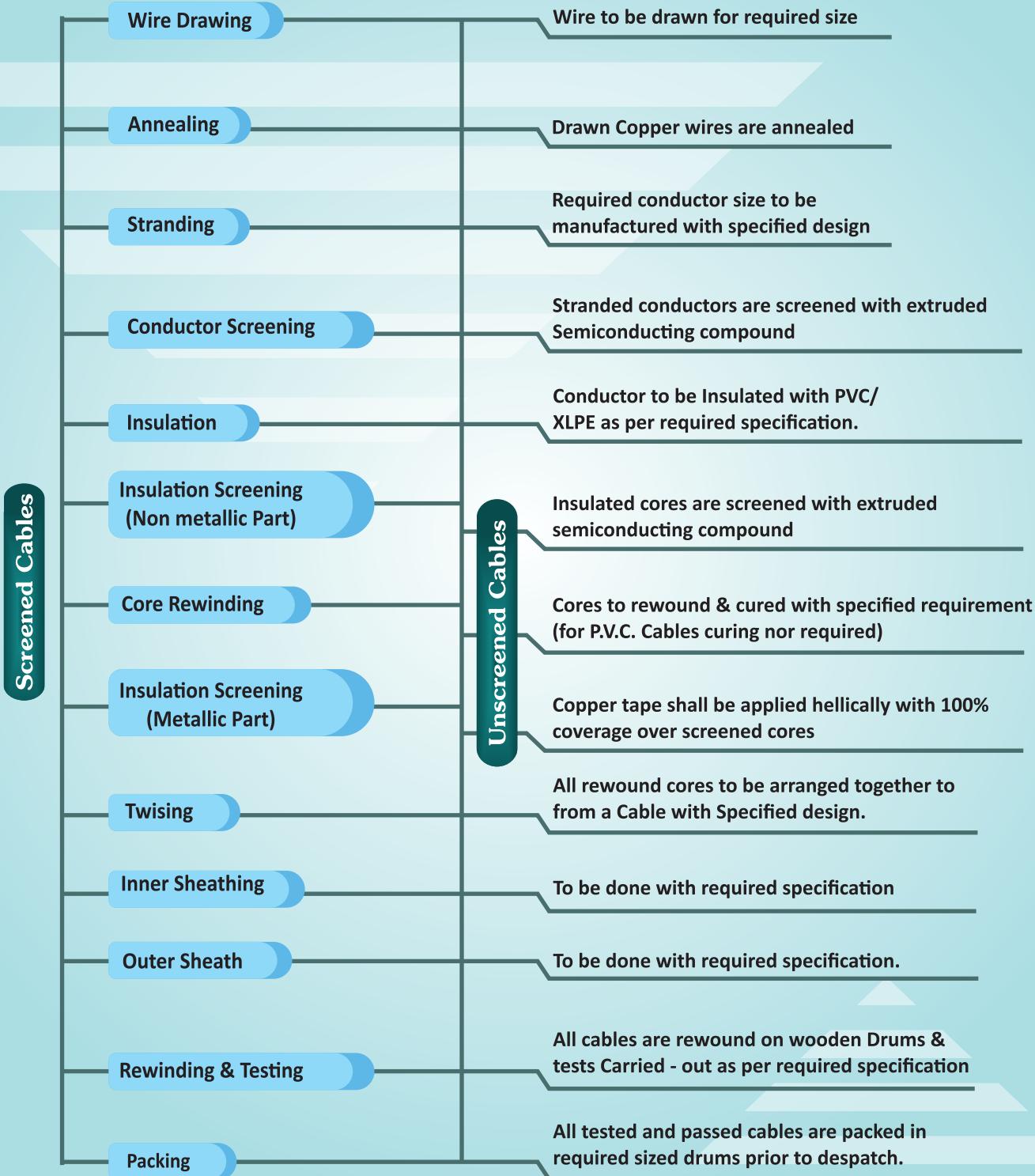
Requirement Collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research



**Aetrio****STAY SAFE AND PROTECTED****COPPER ROADS**



Aetrio

STAY SAFE AND PROTECTED

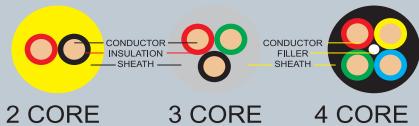


TWISTING MACHINE



The bunching process can be explained as follows: various wires coming into a bunching machine that will be in charge of assembling them into a bunch or a strand. The phase stranding process consists of assembling some strands or cables for the construction of a multi-conductor cable.

MULTI-CORE FLEXIBLE CABLE



LAYING UP

The operation which allows putting together the various elements of the cable into its core, can be done in one or several steps. Phase wiring is the grouping of different insulated conductors to make a multicore cable.

The phases can be identified by color or by numbering them.

A voltage test is also carried out on the whole length of the manufactured cable during this process.



QUALITY CONTROL

Once the cable is manufactured, Aetrio Cables verifies the quality of all cables by carrying out rigorous checks before shipping items.

In order to guarantee the high quality required by Aetrio Cables' customers, cables undergo extensive quality control checks in our laboratories, thus, ensuring that all the cables are free from defects and are ready to be sold.

The quality guarantee system ensures that all cables perform as per their specifications.





Product Range



- L.V. PVC & XLPE POWER CABLES WITH COPPER AND ALUMINIUM CONDUCTOR



- L.V. PCV & XLPE CONTROL CABLES WITH COPPER CONDUCTOR



- M.V. POWER CABLES UPTO 33 KV



- EHV CABLES FROM 66kV TO 220kV



- ZERO HALOGEN CABLES



- FIRE SURVIVAL CABLES (FS)



- INSTRUMENTATION CABLES SCREENED / UNSCREENED



- INDUSTRIAL BRAIDED CABLES



- THERMO COUPLE / COMPENSATING CABLES



- LEAD SHEATHED CABLES



- RUBBER CABLES



- RAILWAY SIGNALLING CABLES



- TELEPHONE CABLES DRY & JELLY FILLED



- BUILDING WIRES FR / FRLS / FRZH / FRLF / FRFS



- SINGLE CORE INDUSTRIAL FLEXIBLES PVC / FR / FRLS / FRZH / HRFR / HR / HR-FRLS / FRLF / FRFS



- MULTI CORE INDUSTRIAL FLEXIBLE CABLES

- SUBMERSIBLE FLAT AND ROUND CABLES

- COAXIAL CABLES

- LAN CAT-5E / CAT 6 CABLES

- WELDING CABLES

- SOLAR AC / DC CABLES

- STEEL BRAIDED CABLES

- SPECIALITY CABLES SUITED FOR MARINE / OIL & GAS / EXTREME FIRE CONDITIONS / HIGHLY CORROSIVE ENVIRONMENT / TRAFFIC / AIRCRAFT / SPACE STATION / AUTOMOBILES

- OPTIC FIBRE CABLES





MISSION & VISION

- ◎ Build exceptional standard and system for productivity, performance, safety, environment and quality.
- ◎ Maintain high standards of quality.
- ◎ Maintain powerful position in the business through excellence and innovation.
- ◎ Expand manufacturing facility and distribution network to cater to all over the world.
- ◎ Continue to maintain focus on committed delivery every time.



SALIENT FEATURES

- ★ Best finish
- ★ Efficient and smooth conducting
- ★ Higher current carrying capacity

★ Higher Flexibility



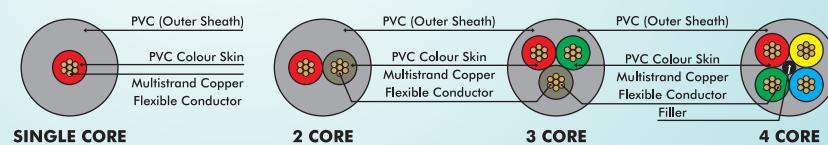
★ Low emission of toxic gases

★ Fire retardant

★ Lead Free

SINGLE & MULTICORE CABLE

Round Flexible Industrial Cables



TEMP
RANGE
-15°C to
70°C

MORE
THAN
100%
CONDUCTIVITY

100%
ANNEALING

LONGER
FLEX
LIFE
100%
BUNCHED



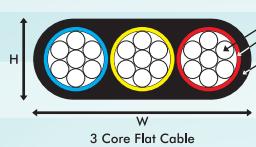


3 CORE SUBMERSIBLE FLAT CABLE

For Submersible Pump Motors



Submersible Cable is specialized product to used for submersible pumps in deep well. The area of installation is physically restrictive environment is very hostile. Aetrio CABLE designed and manufacture keep in in mind factors to achieve the highest possible degree of reliability.



TEMP
RANGE
-15°C to
70°C

TEST
VOLTAGE
3000
Volts

100%
ANNEALING

LONGER
SERVICE
LIFE

MORE
THAN
100%
CONDUCTIVITY

HOUSE WIRE

Multistrand Single Core Unsheathed Flexible Cables



House Wire

Aetrio



FLAME
RETARDANT
BUNCHING
100%
MORE
THAN
100%
CONDUCTIVITY



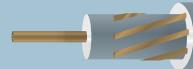
VIR CABLE

PVC Insulated Unsheathed Solid Stranded Copper Wire



10%
TWISTING
PURE
ELECTROLYTIC
COPPER
MORE
THAN
100%
CONDUCTIVITY
LONGER
FLEXIBLE
LIFE



**Aetrio****STAY SAFE AND PROTECTED****INSTRUMENTS & SHILEDDED CABLE**

Instrumentation Cable

Aetrio

- CONTAINS FIRE FIGHTING MOLECULES
- MOISTURE RESISTANT
- MORE THAN 100% CONDUCTIVITY
- SELF EXTINGUISHING
- OXYGEN ENTRAMENT

**FR-LSH CABLE**

Flame Retardant Low Smoke and Halogen Multistrand Single Core
Unsheathed Flexible Industrial Cables



- CONTAINS FIRE FIGHTING MOLECULES
- MOISTURE RESISTANT
- MORE THAN 100% CONDUCTIVITY
- SELF EXTINGUISHING
- OXYGEN ENTRAMENT

**Single Core, Unsheathed Cables In Voltage Grade 1100 Volts**

Nominal area of conductor Sq.mm	Number Dia of wire mm	Thickness of Insulation (Nom.) mm	Approx Overall Diameter mm	Current carrying capacity #2 cables, single phase		Resistance (max.) per km @ 20C
				In conduit Trunking Amps.	Un-closed clipped directly to a surface or on cable tray Amps	
1.0	14/3"	0.7	2.6	11	12	18.10
1.5	22/3"	0.7	2.9	13	16	12.10
2.5	36/3"	0.8	3.6	18	22	7.41
4.0	56/3"	0.8	4.0	24	29	4.95
6.0	84/3"	0.8	4.7	31	37	3.30

- Standard Colors: Red, Yellow, Blue, Black, Green (for Earthing) supplied as 90 meters coil in attractive carton box.
- Confirm to IS-694-2010.
- As per CML No. - 9512482418
- As per conductor class 5 of IS:8130/1984

Visit our Website to download
the above certificate
www.aetrio.in

*The Number & diameter of conductor strands are for reference only and Governed by conductor resistance.
The above data is indicative only, and may be revised without prior information.
Aetrio will not be responsible for any damages arising out of incorrect application of this products.

MULTI-CORE FLEXIBLE CABLE

2 CORE

3 CORE

4 CORE





Cable Extruder Production Assembly Line



35 Ton Injection Molding Machine



15 Ton Injection Molding Machine



Table Top Crimp Press



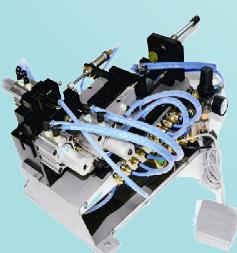
Wire Cutting and Stripping Machine



RJ 45 Connector and Crimping



Winding and Tying Machine



Wire Cable Stripping Machine



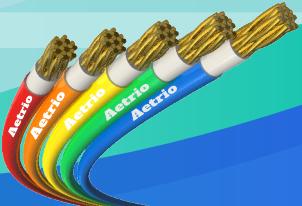
Multi Wire Stripping Twisting Machine



Manual Bench Top Injection Moulding Machine



Automatic RJ45 Connector Cable Crimping Machine





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STAY SAFE AND PROTECTED



Residential



Commercial



Utility



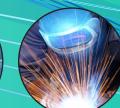
Industrial



Communication



Entertainment



Welding



Solar

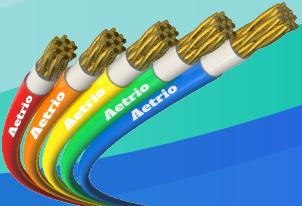


**Aetrio****STAY SAFE AND PROTECTED**

COMPANY CERTIFICATE



**The India's
BIGGEST
wires and cables supplier**





Office Locations

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Ludhiana, Punjab, 141401

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