



Aetrio Technology India Pvt. Ltd.

An ISO 9001:2008 Certified Company

Manufacturer of Cable & Wire



HIGH QUALITY PRODUCTS PROFESSIONAL CABLE MANUFACTURER





Residential



Commercial



Utility



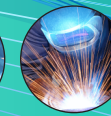
Industrial



Communication



Entertainment



Welding



Solar

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-rodent.
- 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



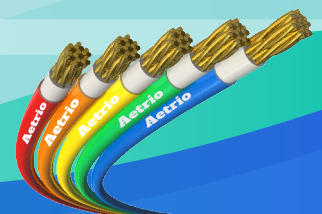
Thorough analysis of the project



Economic feasibility study of the Project



Market potential survey/research





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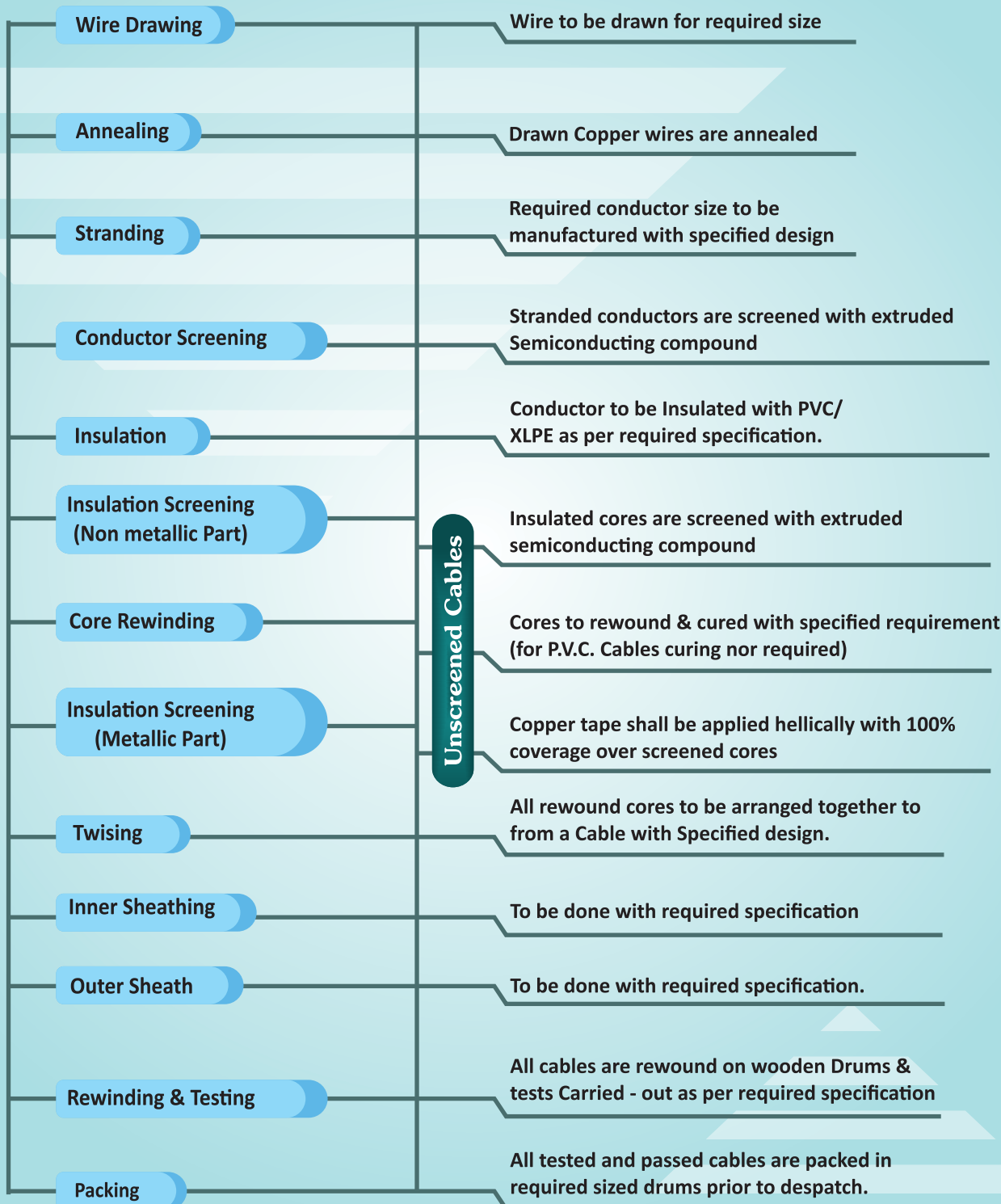
Welding



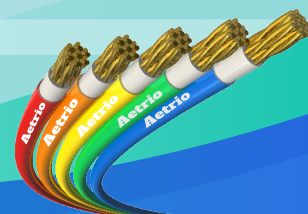
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COPPER ROADS

Screened Cables



Unscreened Cables





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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



2 CORE



3 CORE



4 CORE



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.

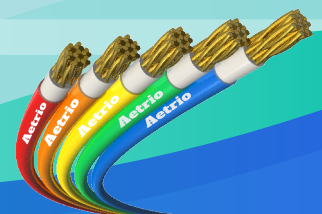


QUALITY CONTROL

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.





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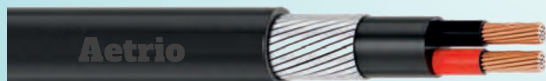
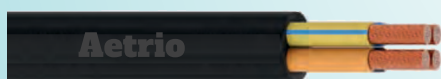
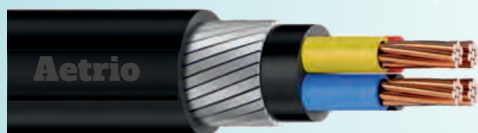
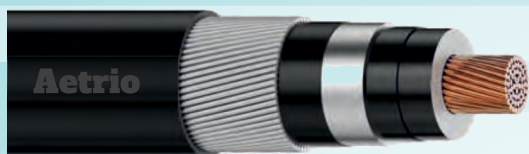


Welding



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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

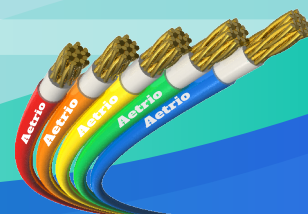
- WELDING CABLES

- 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





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MISSION & VISION

- Build exceptional standard and system for productivity, performance, safely, 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.



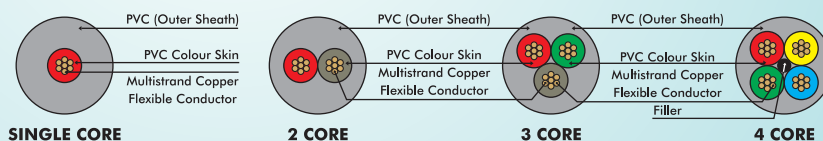
SALIENT FEATURES

- Best finish
- Efficient and smooth conducting
- Higher current carrying capacity
- Higher Flexibility
- Low emission of toxics 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





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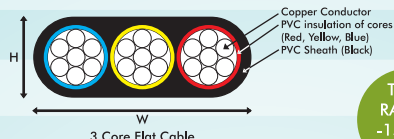
Solar

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 tha 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



FLAME
RETARDANT

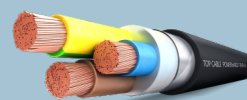
BUNCHING
100%

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





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INSTRUMENTS & SHIELDED CABLE

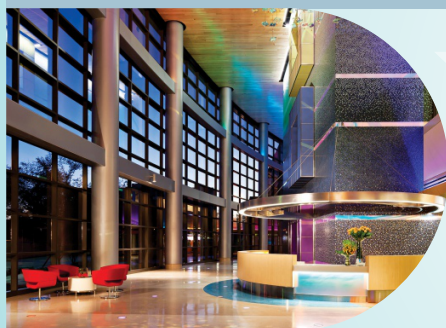
Instrumentation Cable

Aetrio



FR-LSH CABLE

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



Single Core, Unsheathed Cables In Voltage Grade 1100 Volts

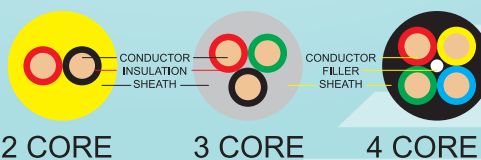
Nominal area of conductor Sq.mm	Number Dia of wire mm	Thickness of Insulation (Nom.) mm	Approx Overall Diameter mm	Current carrying capacity #2 cables, single phase		Resistance (max.) per km @ 20C
				In conduit Trunking Amps.	Un-closed clipped directly to a surface or on cable tray Amps	
1.0	14/.3"	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 or 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.

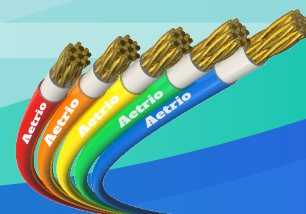
MULTI-CORE FLEXIBLE CABLE



2 CORE

3 CORE

4 CORE





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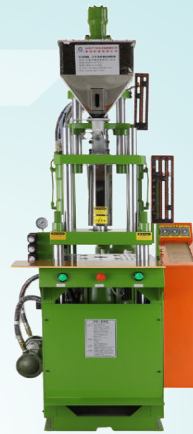
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Cable Extruder Production Assembly Line



35 Ton Injection Molding Machine



15 Ton Injection Molding Machine



Table Top Crimp Press



Wire Cutting and Stripping Machine



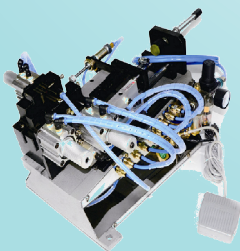
Rj 45 Connector and Criping



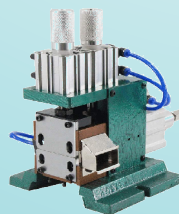
Winding and Tying Machine



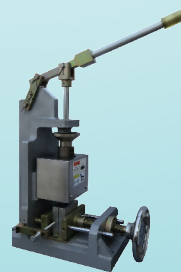
Wire Cable Stripping Machine



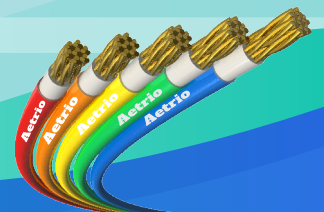
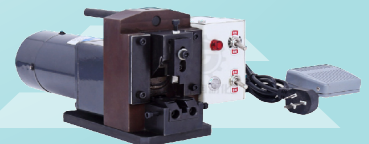
Multi Wire Stripping Twisting Machine



Manual Bench Top Injection Moulding Machine



Automatic RJ45 Connector Cable Crimping Machine





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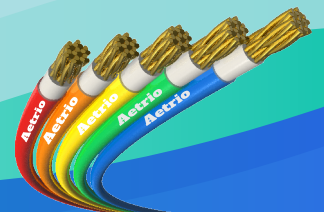
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COMPANY CERTIFICATE

Certificate of Compliance

RoHS compliant **EURO CERT**

RoHS Directive (2011/65/EU) as Amended (EU) 2015/863 of the European Parliament and of the Council on the restriction of use of certain Hazardous Substances in Electrical and Electronic Equipments.
Certificate No.: 20220209130

Manufacturer

Name : AETRIO TECHNOLOGY INDIA PRIVATE LIMITED
Address : PLOT NO. 21, PACE CITY-4, SECTOR-37, GURGAON, HARYANA, 122001, INDIA
Products : Electronic and Electric Wires and Cables (Insulated wire and cable made of steel, copper, aluminium), Maintenance of Services Telecom Network, Repair of Communication Equipment, Moulded Industrial Accessories of Plastics [Including Electrical Insulating fitting of Plastics]

This is to state that the above mentioned product is in compliance with RoHS Directive (2011/65/EU) as Amended (EU) 2015/863 of the European Parliament and Commission Decision 2005/618/EC on the restriction of use of certain Hazardous Substances (Lead (Pb) < 1000 ppm, Mercury (Hg) < 100 ppm, Cadmium (Cd) < 100 ppm, Hexavalent Chromium (Cr VI) < 1000 ppm, Polybrominated Biphenyls (PBBs) < 1000 ppm, Polybrominated Diphenyl Ethers (PBDEs) < 1000 ppm, Bis(2-Ethylhexyl) phthalate (DEHP) < 1000 ppm, Benzyl butyl phthalate (BBP) < 1000 ppm, Dinonyl phthalate (DNP) < 1000 ppm).

Statement:
 This certificate declares that the product type / model described above complies with the mentioned above European Standards.

Remarks:
 This certificate of compliance is based on the evaluation of a test report and associated technical documentation. It does not imply an assessment of mass-production of the product. This certificate holder may use this certificate in connection with the test report. The certification body should be informed (revision of technical file) for any modification or alterations made to the aforementioned product type(s), including design and manufacture and for extension to the existing scope of application. The certificate is valid for three years if the company applies the technical construction file which has been stored in UKCert office. This certificate includes declaration of manufacturer. Certificate remains property of UKCert (UK Certification and Inspection Ltd.) to whom it must be returned upon request. The certificate validity is conditioned by positive results or surveillance audits.

Validity of this certificate can be verified at www.eurocertverify.com

Date of Certification 3rd February 2022
1st Surveillance Audit Due 2nd February 2023
2nd Surveillance Audit Due 2nd February 2024
Certificate Expiry (subject to the company maintaining its system to the required standard) 2nd February 2025

Authorised Signatory

This certificate is the property of Eurocert Inspection Limited and shall be returned immediately on request.
 International House, 10 Churchill Way, Cardiff, United Kingdom, CF10 2HE
 Website: www.eurocertverify.com, Email: info@eurocertverify.com
 Company No. 11956886

Certificate of Compliance

UKcert Certification & Inspection

CE

We hereby declare that the technical files of all the items in each product group complies with the requirements of the Council Directive on The Low Voltage Directive 2014/53/EU (LVD)

Certificate No.: -CE-2120
Manufacturer : AETRIO TECHNOLOGY INDIA PRIVATE LIMITED
Address : PLOT NO. 21, PACE CITY-4, SECTOR-37, GURGAON, HARYANA, 122001, INDIA
Products : Electronic and Electric Wires and Cables (Insulated wire and cable made of steel, copper, aluminium), Maintenance of Services Telecom Network, Repair of Communication Equipment, Moulded Industrial Accessories of Plastics [Including Electrical Insulating fitting of Plastics]

Complies with the requirements applicable to it
 The quality system has been assessed, approved and is subject to continuous surveillance according to the Council Directive on The Low Voltage Directive 2014/53/EU (LVD)

This certificate is issued under the following conditions:

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type -examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are changed.
3. The certificate validity is conditioned by positive results or surveillance audits.

The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of test report of one sample of above mentioned product. It does not imply an assessment of the whole production.

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

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 71-73 Shelton Street, Covent Garden, London, WC2H 9JQ, United Kingdom
 Website: www.ukcertifications.org.uk, Email: info@ukcertifications.org.uk
 Company No. 11847851

Certificate of Registration

QRO QUALITY RESEARCH ORGANIZATION

This is to certify that

AETRIO TECHNOLOGY INDIA PRIVATE LIMITED
 PLOT NO. 21, PACE CITY-4, SECTOR-37, GURGAON, HARYANA, 122001, INDIA

has been independently assessed by QRO and is compliant with the requirement of:

ISO 9001:2015
Quality Management System
 For the following scope of activities:

MANUFACTURE OF ELECTRONIC AND ELECTRIC WIRES AND CABLES (INSULATED WIRE AND CABLE MADE OF STEEL, COPPER, ALUMINIUM), MAINTENANCE OF SERVICES TELECOM NETWORK, REPAIR OF COMMUNICATION EQUIPMENT, MANUFACTURE OF MOULDED INDUSTRIAL ACCESSORIES OF PLASTICS [INCLUDING ELECTRICAL INSULATING FITTING OF PLASTICS]

Date of Initial Registration: 17th August 2020 **2nd Surveillance Audit Due:** 16th August 2022
Date of this Certificate: 16th August 2021 **Certificate Expiry:** 16th August 2023

Certificate Number: 3050200817018Q

QRO **EGAC** **IAF**

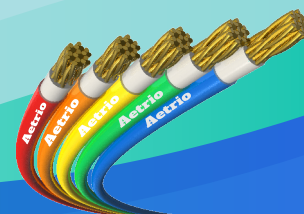
Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 360 days from date of the audit. (In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/ withdrawn).
 The Validity of this certificate can be verified at www.qrocert.org
 This certificate of registration remains the property of QRO Certification LLP and shall be returned immediately upon request.

India Office : QRO Certification LLP
 142, 1st Floor, Atria Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)
 Website: www.qrocert.org, E-mail: info@qrocert.org



The India's
BIGGEST
 wires and cables supplier





Office Locations

Aetrio Technology India Pvt. Ltd.

Gurgaon Office


Plot No. 21, Pace City-I, Sector-37,
Gurgaon, Haryana-122001 (India)

Punjab Office

UPIN- J11B 1210 000, Amloh Road,
Opposite to Aman Hospital, MC Khanna,
Ludhiana, Punjab, 141401

Bangalore Office

#33/A, 3rd "A" Cross,
Doddanna Industrial Area,
Main Road, Near Peenya, 2nd Stage,
Bangalore-560091

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