



TYCON

CABLES • PIPES • FANS • TAPES

Life mein
no tension !



TYCON

Company Profile

With a rich history of 24 glorious years of service and commitment towards quality, **TYCON** Cables has come a long way to make its presence felt across the country and become a household name. In today's highly competitive industry, we adhere to the highest standard of quality and have set the goal to deliver premium quality products by continuously upgrading technology, modernizing manufacturing facilities and maintaining highest standards of quality and services.

About Us

Tycon Cables was established in the year 1985 by Mr. Naresh Singhal and since then the company has gained plausible reputation in the manufacturing of PVC wires and cables industry. In our 32-year journey so far, we have been lauded with several product and system certifications and awards that speak for our quality and dependable wires & cables, making us one of the best quality wire and cable company in India.

The company has 5 manufacturing facilities (ISO 9001:2015 certified) and offices in Ghaziabad and Delhi. Today, **TYCON** has entered into several consumer-facing businesses such as Fans, PVC Conduit Pipes, PVC Tapes etc, as part of its ambition to ensure increased service and dedication towards the customers.

We attribute our success to the ever growing support, loyalty and trust of all our customers, dealers, distributors and our entire hard working team. We thank each and everyone and promise for a brighter future.

Quality has to be caused, not controlled.



Vision

The company's vision is to develop market reputation by optimizing the quality and value of the products through R&D, to benefit every customer through focused customer service and to exceed the customer expectations by providing modern & cost effective comprehensive solutions as per their needs.

Infrastructure

The company's hi-tech infrastructure is well equipped with latest machinery and tools and is divided into units such as manufacturing, dispatch, testing & control, marketing & sales to ensure that the work is carried out in the most streamlined manner. With a focus to adapt to the fast paced market and industry and enhance the productivity in the most efficient manner, we upgrade our infrastructure time to time for optimum customer satisfaction.

We at Tycon Cables take immense pride to use the best quality raw material with properties such as perfect finish, resistance and high tensile strength for designing and manufacturing every product.

Our Team

We are backed and supported by our dedicated and skilled team of professionals.

Team Tycon:

- Engineers
- Production Managers
- Quality Controllers Supervisors
- R & D Personnel
- Technicians
- Skilled and Semi-Skilled Workers

Our Product Range

Our comprehensive product list includes

- House Wires Cables
- XLPE/PVC Insulated Power Cables – Armoured/Un-armoured
- Aerial Bunched (AB) Cables
- Multi-core Control Cables
- Submersible Cables
- Instrumentation and Computer Cables
- Co-Axial Cables
- PVC Conduit Pipes
- Ceiling Fans
- PVC Insulation Tapes

With such a wide range of products, we address the cabling requirements of a wide spectrum of sectors, such as - Power, Solar, Oil Refineries, Railways, Real Estate etc.

Company USP

- Well equipped Infrastructure with latest technologies
- Experienced R&D Department
- Quality Measures/Testing Facilities
- Three-tier market penetration
- Large Production Capacity
- Fastest growing company in the region



TYCON

Quality and Standards

Our unparalleled product quality, technological advancement, customer satisfaction with support services and stringent quality control has helped us achieve ISO: 9001:2015 Certification. The Bureau of Indian Standards (ISI) has given us IS: 694, IS: 1554, IS: 14255 and IS: 7098 (part 1) certifications.

The efforts done by TYCON are regarded by acceptance of our quality by the country's prime organisations such as NTPC, DRDO, TATA's, L&T Constructions, ONGC, Electricity Boards (UPPCL, PUVNL, DUVNL, MUVNL, PuVNL) etc.

As per the requirement, varied products are manufactured according to the specifications laid down by Bureau of Indian Standards, JAS-ANZ, Quality Management system (QMS), Central Power Research Institute (CPRI), UPRNN and UP Awas Vikas Parishad (UPAVP).

Quality has always been of primary importance to us. We realize that, cables being a vital infrastructural input should be of the best possible quality. Our engineers and technicians are invaluable to us in developing and maintaining the high standards of the Company.

Our computerized equipment tests the cables very stringently under all the specified parameters. Quality checks also include Raw Material and In Process Inspections; Sample, Routine, Type, Acceptance and other Special Tests, at every stage. All tests are carried out at our Quality Assurance and Testing Laboratories.



Our Pride Our Products

Our Pride Our Products

Aluminium cables, twisted cables with Copper conductors, flat twin & three core, four core cables with Aluminium conductors (unarmoured + armoured) Round Flexible cables, and coaxial wires.

Our range comprises of:

House Wires

Fire Retardant (FR) and Fire Retardant Low Smoke (FRLS) insulation with electrolytic copper from 0.75 sq mm to 240 sq mm single core multi-strand wires.

LT Power Cables

Aerial Bunch conductor (AB Cables), Armoured & Unarmoured PVC/XLPE Insulated single core, two core, three core and four core, round copper & Aluminium cables of size up to 400 sq mm.

Multi-core Control Cables

Two core, three core, four core, six cores to 24 cores copper flexible round cables.

Submersible Cables

Three core flat cables with annealed copper conductor from 1.5 sq. mm to 25 sq. mm.

Telecommunication Cables

Upto 100 pairs unarmoured telephone and RG-6 cables

Instrumentation and Computer cables

All types of computer cables such as CAT-5E, CAT-6E and CCTV(3+1) and CCTV(4+1) cables



House Wiring

Tycon Cables - house wires are a smart and safe choice. They will last a lifetime, without any fire or breakdowns. While everything else in life might change, you can be sure our wires will always power your home unchanged.

Tycon cables house wires are manufactured with utmost safety constraints because we believe in a "SAFER TOMORROW".

Our House wire range includes:

- Multi-strand (unsheathed) heavy duty cables: Flame retardant grade (FR) & Fire Retardant - Low Smoke PVC insulated conforming to IS:694, size house cables & wires from .75 mm to 10.0mm
- PVC Insulated Copper Conductor (Flexible) Cables
- PVC Insulated 3-core flat insulated submersible cables with copper conductor 1100V: conforming to IS: 694, size 1.5 sq.mm, 2.5 sq.mm and 4.0 Sq. mm up to 25 sq.mm.
- CCTV Co-axial Cables - 75 ohms
- PVC insulated Unsheathed cables (twisted copper), capacity 660/1100V, size in SWG 1/18, 3/20 3/22, 7/20 to 7/22 up to 37/14.



Power Cables

LT XLPE /PVC Power Cables

Our product range includes LT Power Cables with XLPE/PVC insulation and PVC sheath for Power Transmission up to 1100 Volts conforming to IS: 1554 (Part I), IS:7098(part I) and IS: 14255 with or without Heat Resistant (HR) or Fire Retardant Low Smoke (FRLS) properties.

Configuration:

- Single core cables up to 1000 sq mm.
- Multi-core cables up to 400 sq mm.

Insulation :

- PVC or XLPE, HR & FRLS PVC Conductor
- Aluminium or Copper
- Solid or Stranded
- Circular
- Compacted and shaped

Conductor

Stranded Shaped
Aluminium / Copper

Inner Sheath

PVC

Outer Sheath

PVC/HR PVC/
FRLS PVC



Insulation

XLPE / PVC / HR PVC

Armour

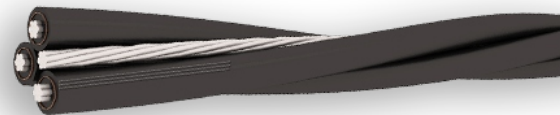
G.S. Round Wire / Flat Strip



LT Aerial Bunch Cables

Man has been totally dependent on electricity since the beginning of the era of technology. The more he utilized it, the more he got used to it and this led to some far adverse issues. However, improper distribution of energy gave rise to adversity and there rose a need to find sufficient land to distribute electricity without obstructions. As a medium to counter-attack improper distribution and transmit energy to far-off places aerial cables were invented.

LT Aerial Bunched Cables are those cables that cover long distant areas and are neatly suspended on huge electricity pylons. Superseding overhead power distribution, these cables are manufactured conforming to IS: 14255 and are more safe & reliable compared to the conventional bare conductors that were previously used to distribute energy. Mostly used in rural areas, these cables are economically effective and can be installed in every terrain. With its flexible built and improved efficiency, aerial bunched cables can be used both in urban and rural areas irrespective of the environment.



Multi Core Control Cables

The PVC insulated and sheathed Multi-core round copper cables are perfect for application industrial and commercial infrastructure for power supply to equipment panels, distribution boards and for installation in all electrically operated machines and equipment's such as air conditioners, refrigerators, motors, drives, overhead cranes, elevators etc these wires are flexible and provide the best-in-class protection all around. A long list of features such as safety, reliability, fire resistant and fire retardant are associated with these flexible cables and therefore they are manufactured keeping in mind the severe, tough and difficult conditions in which they have to operate. These cables conform to and are marked IS 694:2010.

Configuration:

- 2 core, 3 core, 4 core, 6 core
- 8 core, 10 core, 12 core
- up to 24 cores with core colors conforming to IS 694:2010

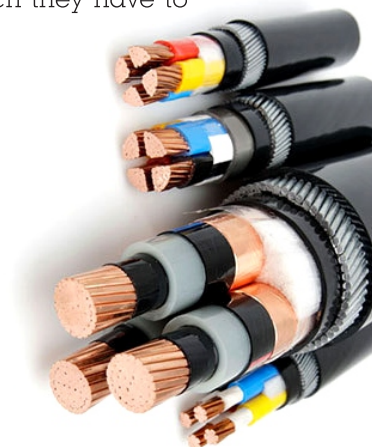
Packing:

100 meter coils

500 mtrs or 1000 mtrs on drums

Temperature range

15°C to +70°C





Telecom Cables

When the word 'telecommunication' is mentioned, the first thing that comes to our minds is the telephone, closely followed by the Internet, television, radio and telegraph. The world depends on telecommunication for its existence, and the varied types of communication solely depend on electricity, their corresponding devices and telecommunication cables for sending and receiving information. Telecommunication cables are guided transmission mediums that transfer energy and electromagnetic waves.

There are various types of telecommunication cables and each is classified on the basis of their utility and functioning. We manufacture telecommunication cables/jelly filled cables and Polyethylene (Solid/Foam/Foam Skin) PVC Insulated /Jelly Filled Cables (single pair to 200 pair).

Description

- Twisted pair cable-with solid/foam/foam skin Polyethylene
- Insulated copper conductor, jelly filled Polyethylene
- sheathed, bonded poly-Al moisture barrier, unarmored Conductor
- Copper
- Solid or Stranded
- Circular & Compacted
- Sector-shaped.

Our range includes

- PVC Twin-Telephone, Parallel Flat Flexible & drop Wire
- PVC Flat Twin & Pair Core for Telephone Wiring (ATC)
- CAT-5E and CAT-6E cables





Multicore Cables

Instrumentation Cables

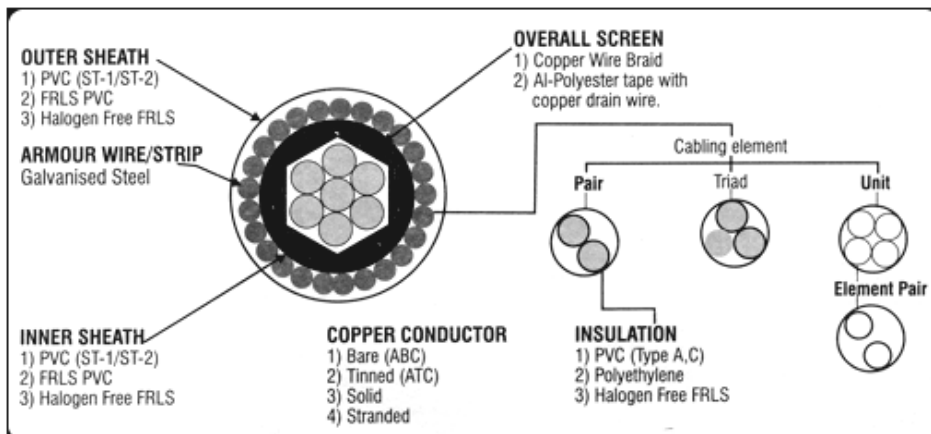
Coaxial Cables

Tycon Cables also manufactures Co-axial Cables for Cable TV Network. The coaxial cables such as RG-6 and RG-11 are made of electrolytic grade solid copper free from all impurities and deformities to ensure better signal transmission. Due to its high bandwidth and excellent transmission capacity, TV and radio networks, Ethernet and distance telephone networks primarily employ long distance coaxial cables to reach their audience. Whether used domestically or commercially, coaxial cables can not only provide admirable picture quality and avoid static successfully, but also protect the transmission from other undesired interferences. It is one of the reasons why the military still continues to make use of these cables.

Instrumentation cables also include CCTV cables such as CCTV (3+1) and CCTV (4+1) cables which are specially formulated for displaying high-definition picture quality and enhanced sound quality. High security places such as malls, offices, roads etc. can be equipped with these wires when installing the CCTV camera for a smooth and long operation.

Configuration:

- Solid/Stranded annealed copper conductor with Tinned /Bare un-armoured cables
- General Purpose /HR PVC insulation
- Cores laid up (filled if needed)
- FRLS / General Purpose PVC inner / outer sheath





TYCON Grip (FR-PVC ELECTRICAL INSULATION TAPE)

The Tycon Grip PVC Tape is manufactured as per IS 7809 Part 3/Sec-1 with the best available FR grade PVC film and unique proprietary formulation of rubber based adhesive, incorporating imported resin and carries an ISI Mark. It is primarily meant of use as insulation tape in electrical wiring, to join telecommunication wiring, automotive cable harness and many other industrial applications such as tube/pipe joining.

Technical Specifications

1. Adhesion to steel	1.6N/10mm width (min)
2. Adhesion to backing	1.3N/10mm width (min)
3. Tensile Strength	150N/10mm width per mm thickness (min)
4. Electric Strength at room temp.	40Kv/mm thickness (min)
5. Electric Strength after humidification at 27°C+2%RH	35KV/mm (min)
6. Flammable	Self Extinguishing
7. Insulation Resistance	M Ohms/25mm width (min)
8. Colour	OPAQUE





TYCON FR PVC Pipes

PVC Conduit pipes and fittings, under the brand name TYCON, are the latest addition to the ever growing kitty of quality products, manufactured for its discerning customer.

The Pipes & Fitting are intended for use in residential and commercial establishments to provide a safe and secure passage for wires and other electric applications. TYCON pipes are manufactured from a specialty blend of chlorinated polyvinyl chloride material with unique physical properties desirable for piping application.

Features And Benefits

- **Withstands High Temperature :**

TYCON FR PVC pipes can withstand high temperatures without catching fire or melting

- **Fast And Easy To Install :**

Our products are light weight and thus easy to transport

- **Tough, Reliable And Uv Resistant :**

TYCON FR PVC pipes have high tensile strength and high impact strength. They are tough and durable. They are UV resistant- thus remains unaffected even after long term exposure to extreme temperatures

- **Corrosion Resistant :**

TYCON pipes are corrosion resistant – there is no scaling or pitting. It remains unaffected by the chlorine in the water.

- **Cost Effective :**

TYCON pipes have very low lifetime ownership cost as they remain intact for years after installation.



Ceiling Fans

After serving the society with premium quality wires and cables for over 30 years, TYCON family decided to expand its range of products and is proud to introduce its exciting range of super cooling fans that offer comfort and convenience to you and your family.

It is not only beneficial from its utility point of view but also saves electricity and increases your savings. Known for speed, known for style, TYCON Fans have something for every home, office and commercial space.

Our premium, economy and energy efficient ranges offer world class performance and look absolutely stunning. So adorn your home with TYCON Fans today.





Happy Clients



Defence Research and Development Organization



Indian Railways



U.P.R.N.N.L.

Uttar Pradesh Rajkiya Nirman Nigam Limited



Uttar Pradesh Power Corporation Limited



सेवोत्तम प्रमाणित
UTTAR PRADESH AWAS VIKAS PARISHAD

Uttar Pradesh Avas Vikas Parishad



Oil and Natural Gas Corporation



National Thermal Power Corporation Limited



TATA Projects Limited



Larsen & Toubro Limited



Uttar Pradesh Public Works Department



Supertech limited



Migsun Group



MGF EMAAR India



Gautam Solars



Ajnara Group



Mahagun Group



Arihant Group



GAURS Group



Premier Solar



Jakson Limited

Award & Recognitions

A PROUD MOMENT AND A FEATHER IN OUR CAP FOR ALL OF US AT
TYCON CABLES INDIA PVT LTD
 ON RECEIVING THE AWARD FOR BEST QUALITY PRODUCTS IN UTTAR PRADESH
 FROM HONOURABLE CHIEF MINISTER AND GOVERNOR OF U.P



Other Awards & Certificates



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