



WIRES & CABLES

Product Manual

About us

Fybro is a proficient brand of modern electrical goods in India; we construct a premium range of electrical products, which varies from Wires & Cables, Switches & Accessories, Switchgears to Lighting systems. Founded in 2012, Fybro comes from the house of Kundan Cab, started in 1968 in a small shop in Chennai with a vision to create electrical products, which brings an effective change to the lives of people.

We consider technology & innovation as one of our key pillars of growth. Therefore, we substantially invest in our R&D department to comply with the industry standards and modernize our products. We thrive on making an impact with our products.

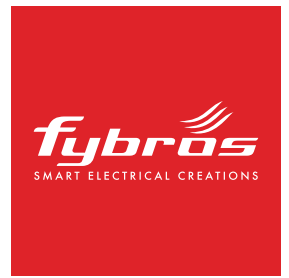
Our ultra-modern manufacturing plants located at various locations such as Bhiwadi, Rajasthan; Vasai, Maharashtra; Hyderabad; Noida, UP; Anand, Gujarat; Bawana, Delhi, are well-equipped to fulfill the demand for Fast-Moving Electrical Goods (FMEG) sector. We are headquartered in New Delhi and have branch offices in Mumbai, Chennai, Bangalore, Kolkata and other major cities of India.

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FOR A
SMARTER AND
SAFER WORLD



Domestic Cables





FR

Multistrand Single Core Unsheathed Flexible Industrial Cables

FYBROS manufactures FR wires, multi-strand flexible FR PVC Insulated building wires with fire retardant properties. The conductor is insulated with a specially formulated Flame Retardant FR grade PVC Compound having high insulation resistance, oxygen, temperature index and dielectric strength, which prevents the leakage of electric current. Suitable for use in surface mounted or embedded conduits or trunking. Also ideal for field protected installation in lighting fittings and inside appliances.



- 1.0 sq.mm CCU Copper
- 14 Copper Strands (0.3mm)
- Overall Diameter - 2.6 mm

**TRIPLE
LAYER
PVC
PROTECTION**

MORE THAN
100%
CONDUCTIVITY

BUNCHING
100%

FLAME
RETARDANT

FR-LSH

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

FR-LSH has special flame retardant, low smoke emitting and toxic fumes suppressing properties. These FR LSH Wires are having oxygen index of 32% which increases its efficiency in fire fighting. In the case of fire, conventional PVC insulated wires emit thick black smoke and toxic fumes of hydrochloric acid gas. This impairs visibility and hampers rescue operations. It not only emit very little smoke and toxic gases, but also retards the spreading of fire.

The conductor manufacture of Pure Electrolytic Grade, bright annealed bare copper having very low resistance with more than 100% conductivity which makes it an excellent conductor of electricity, thus ensuring low energy losses.



MORE THAN
100%
CONDUCTIVITY

CONTAINS
FIRE FIGHTING
MOLECULES

MOISTURE
RESISTANT

SELF
EXTINGUISHING

OXYGEN
ENTRAPMENT

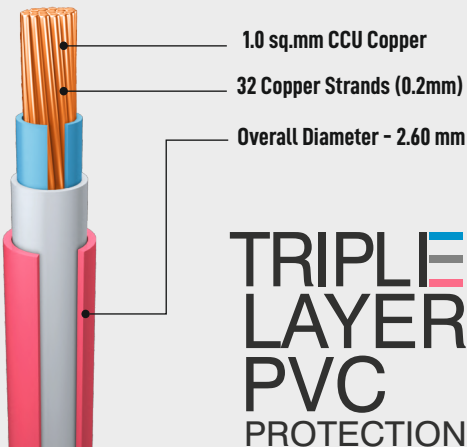


UFFR

Ultra Flexible Flame Retardant (Multistrand) Single Core Unsheathed Flexible Industrial Cable

These cables are made with a specially formulated UFFR PVC compound which makes it ultra flexible and can withstand temperatures of 70 °C compared to conventional wires that bear to 70 °C under continuous usage. The new development makes the long life of cables possible and the ability to withstand fluctuations and emergency loads.

UFFR cables are made of highly Pure Electrolytic Grade bright annealed bare copper with more than 100% conductivity, making it an excellent conductor of electricity and thus helping save energy.



HIGHER
CURRENT
CARRYING
CAPACITY

SUPERIOR
INSULATION
RESISTANCE

HIGH
DI-ELECTRIC
STRENGTH

ZHFR

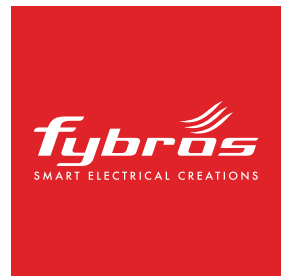
Zero Halogen Flame Retardant Multistrand Single Core Unsheathed Flexible Industrial Cables

ZHFR (Zero Halogen Flame Retardant) Wiring cables are made with an imported specially formulated Non-PVC material which is a product of the most advanced halogen free technology. It does not emit highly corrosive halogen acid gases /toxic fumes, and there is almost nil smoke. In case of fire, the conventional wiring cables will produce toxic gases which are very harmful to the environment and will also hamper the rescue operations as the visibility becomes almost zero. Smoke becomes almost below 0.5%.



- NON CORROSIVE
- NON TOXIC
- REDUCE FIRE SUFFOCATION
- DOESN'T CATCH FLAME
- DOESN'T CONTAIN HALOGEN





Industrial Cables



An aerial photograph of a lush green landscape featuring terraced rice fields. A dark, winding irrigation canal or stream flows through the center of the fields, curving from the bottom left towards the top right. The terraces are arranged in concentric, curved patterns, creating a rhythmic, organic shape. Several small, simple wooden or bamboo structures are scattered throughout the fields, likely used for irrigation control or as small huts. The overall scene is vibrant and verdant, with various shades of green from the rice plants and surrounding vegetation.

IT TAKES A LOT OF BLUE TO STAY GREEN.

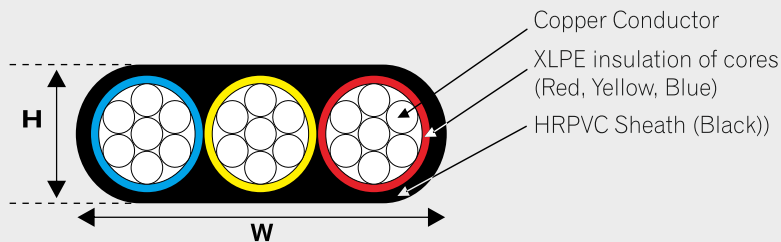
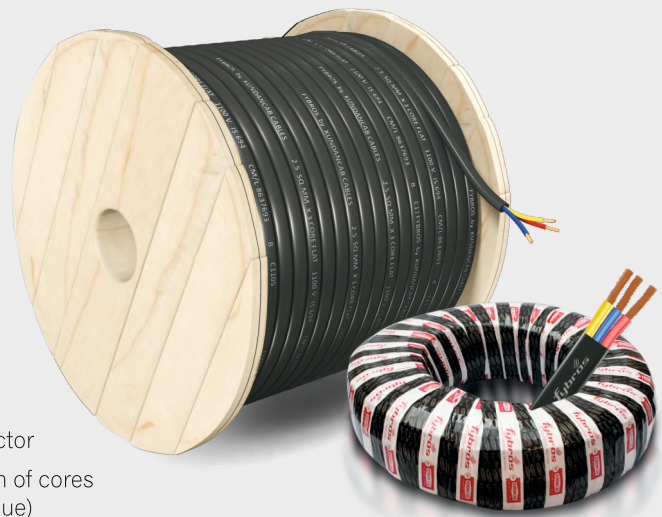
·Natural water distribution is the
utmost civilization need.
Having an irrigation system installed
should be at the top of your list.

3-CORE FLAT XLPE/PVC

INDUSTRIAL CABLES FOR **SUBMERSIBLE PUMP MOTORS**

Submersible Cable is a specialized product for submersible pumps in a deep well. The installation area is physically restrictive, and its environment is very hostile. The conductor is further insulated with thermoset type Cross Linked Polythene (XLPE) insulation with uniform thickness. The sheath with a uniform thickness of Heat and Moisture Resistant type PVC (Grade ST2) compound formulated and manufactured in house is extruded over these coloured cores in a flat formation. The colour of the sheath is black. The cables undergo stringent quality checks during raw materials, in process and final testing as per the specifications and quality norms. The cables are available with progressive sequential marking, company name, size & voltage.

- Higher current rating
- Higher overload capacity
- Higher short circuit rating
- Lighter in weight and smaller bending radius
- Lower Di-electric constant and power factor
- Better impact, abrasion, corrosion resistance



<p>TEMP RANGE -15°C to 70°C</p>	<p>TEST VOLTAGE 3000 Volts</p>	<p>100% ANNEALING</p>	<p>LONGER SERVICE LIFE</p>	<p>MORE THAN 100% CONDUCTIVITY</p>
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SINGLE & MULTICORE

Round Flexible Industrial Cables

FYBROS Insulated/sheathed Multicore Cables with flexible conductors are manufactured under the most stringent quality control measures to ensure total safety, prevention of shock hazards, less possibility of fires and complete assurance for the perfect system. These cables are manufactured from 99.97 % pure bare flexible electrolytic grade copper conductor and low conductor resistance, insulated with special grade PVC Compound. These cables are primarily used for machine wiring, control panels, Electrical power supply, modern electric appliances and equipment.



100%
ANNEALING

LONGER
FLEX
LIFE

100%
BUNCHED

TEMP
RANGE
-15°C to 70°C

MORE
THAN
100%
CONDUCTIVITY

XLPE / PVC

LT-POWER/CONTROL CABLE

Insulated Cables

Conductors are made from electrolytic grade aluminium / copper conforming to IS:8130/2013 and are compact or compact shaped, solid / stranded circular. Fybrós XLPE cables are specially made from high grade cross-linked polyethene for insulation by extrusion process. In multiple cables, cores are laid-up as per the above colour scheme and inter slices are filled wherever necessary to make the laid-up cores circular.



LONGER
LIFE

HIGHER
CONDUCTOR
TEMP.

HIGHER
OVERLOAD
CAPACITY

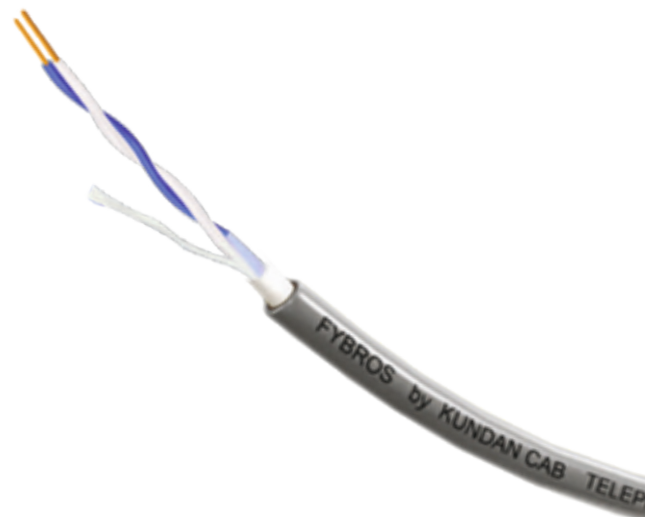
HIGH
CORROSION
RESISTANT

Perfect
CLARITY





Communication Cables



COMMUNICATION CABLES

- Telephone & Switchboard Industrial Cables
- TV Dish Antenna Co-axial Cables (Gas Injected Physical Foam Jelly Flooded Industrial Cables)
- Computer & LAN Networking Cables
- CCTV Cables (Closed Circuit Television Cables)

TELEPHONE & SWITCH BOARD CABLES

Tele-communications cables

They are made of pure electrolytic grade bright annealed bare copper as per IS:8130 in 0.4, 0.5, 0.6 & 0.7 mm. The insulated cores are twisted to form pairs and bunched to minimize cross talk. The cores are helically wrapped. Non hygroscopic and non wicking polyester tape or tape to form laid up cables. The laid up cables are further jacketed with grey colour and high oxygen index fire retardant PVC. Fybros Telephone and Switchboard cables are recommended for switchboard and internal telephone wiring in multi-storeyed buildings, offices, factories, hotels, hospitals and residential complexes.



HIGH
SPEED
TRANSMISSION

ZERO
NOISE
LEVEL

NO CROSS
TALK

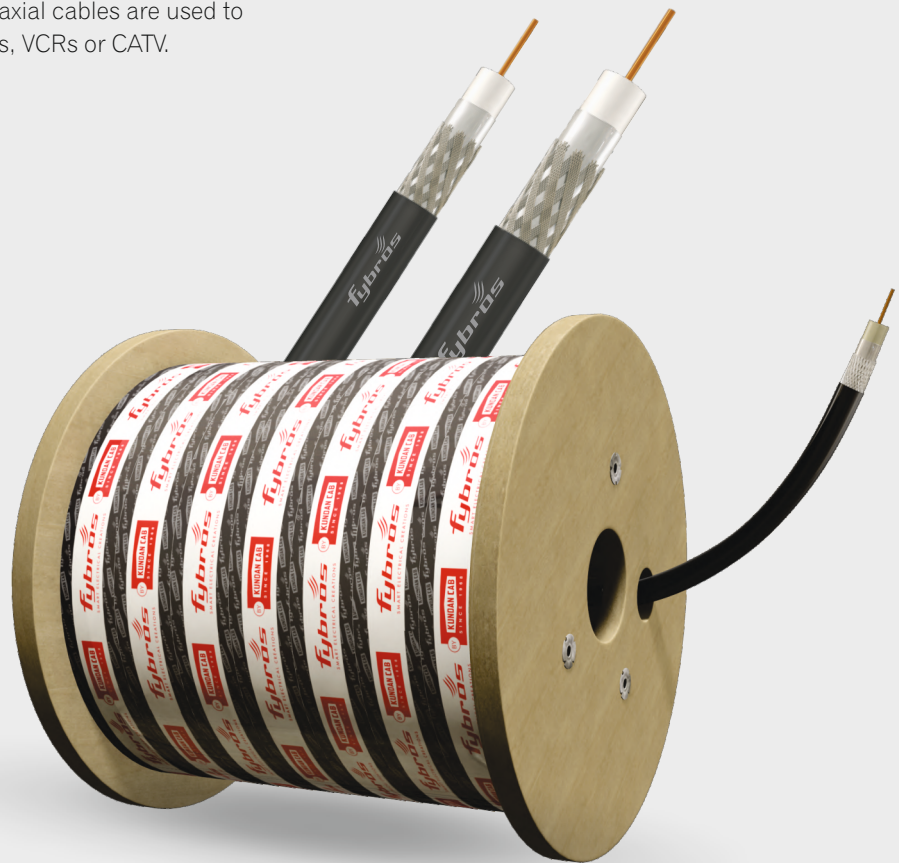
LOW
ATTENUATION

NO
VOICE
LOSS

TV DISH ANTENNA CO-AXIAL CABLES

Gas Injected Physical Foam
Jelly Flooded Industrial Cables

FYBROS Coaxial cable (or "coax") is the most common cable used for transmitting video signals. The name "coaxial" refers to the common axis of the two conductors. Coaxial cable also offers high bandwidth per channel and low noise & crosstalk, which makes it medium of choice for delivering high-definition video to and within the home, short coaxial cables are used to connect equipment, such as TVs, DVRs, VCRs or CATV.



BETTER
RECEPTION

LESS ELECTRO
MAGNETIC
INTERFERENCE

LOW LOSS
IN SIGNAL
QUALITY

MOISTURE
PROOF

HIGHER
BAND
WIDTH

EXCELLENT
ADHESION



COMPUTER & LAN

Networking Cables

LAN CABLES - CAT 6 250 MHZ. (unshielded Twisted Pair) CAT 5E UTP cables are very effective network cabling systems in modern computer networks. These cables form the backbone of modern data transmission in Commercial areas, Industries and buildings. Fybros provide a wide range of CAT 6 Cable & Fibre Optic Cables manufactured using quality tested material, a twisted pair cable type designed for high signal integrity. Many such cables are unshielded, but some are shielded. Each Cat 6 internet cable goes through rigorous testing to ensure a secure wired internet connection with exceptional speed and reliability. These cables guarantee high-speed data transfer for server applications, cloud computing, video surveillance, and online high-definition video streaming.



HIGH
BIT
RATES

USE IN
STRUCTURAL
CABLINE

CHOICES
OF
JACKETING

SNARI
FREE
PACK

SUBSTITUTE
FOR
IMPORTED
CABLES



CCTV CABLES

CLOSED CIRCUIT TELEVISION CABLES

FYBROS CCTV Cables : Surveillance is a primary function in safety and security for many environments such as schools, casinos, prisons and businesses. The selection of cameras and other electronic equipment is a primary concern, but the link between the electronics should be taken with extreme caution. FYBROS Wire provides CCTV coaxial cables from short-run appliances to the most critical long-distance applications. CCTV Cables provided by are a composite structure of Video and audio wires intended to install the cameras with an audio system from one point to the equipment system. We use the best quality raw materials to ensure efficient operation standards. Furthermore, our CCTV Cables are safe and reliable transmission of voice, video & data.



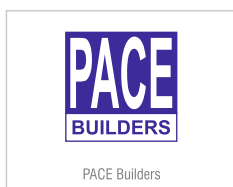
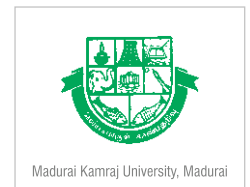
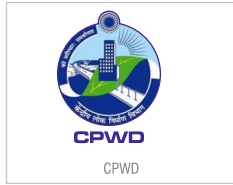
DURABLE

HIGHLY SHOCK PROOF

HIGH TENSILE STRENGTH

STURDY CONSTRUCTION

Client List



and many more....



Cables For Every Weather

SAFETY BACKED WITH A STYLE STATEMENT



fybrós

50

Years Of Trust

WITNESS A 50 YEAR LEGACY
OF ADVANCED ELECTRICALS & CABLES

fybrós
SMART ELECTRICAL CREATIONS

For more than 50 Years, our Electrical products have provided safety, security, and serenity to homes and living spaces by manufacturing Smart Electrical Products like Wires & Cables, Switches & Accessories, Switchgears and Lighting Systems that not only fulfill the needs of modern technology and design but also takes innovation to a whole new extent.



Brand Identity, Concept & Design of Fybro's Moddular Pvt. Ltd. & Balar Marketing Pvt. Ltd.

PAN INDIA PRESENCE

NORTH

DELHI

166, Functional Industrial Estate,
Patparganj, DELHI - 110092

UTTAR PRADESH

92/190, 1st Floor, Bhaskar Complex,
Adjacent Hotel S.P. International
Gautam Buddha Marg,
LUCKNOW-226018

Khasra No. 293, Hasanpur Road,
Dinanathpur Puthi, Ghaziabad
UTTAR PRADESH - 201015

RAJASTHAN

C-76, Shastri Nagar,
Near Saboo School,
JAIPUR - 302016

SOUTH

TAMILNADU

12/42, Taylors Road,
Kilpauk, CHENNAI - 600010

KERALA

Kudiyirickal Towers, First Floor,
Palarivattom, Edappally Road,
ERNAKULAM - 682025

KARNATAKA

28, Off Mysore Road
Suder Industrial Estate
New Timber Yard Layout
BANGALURU - -560026

GOA

121, Nagarathpet Main Road,
Near Kalamma Temple,
BANGALORE - 560002

WEST

GUJARAT

722, Khatri Pole,
Opp. Pada Pole,
Gandhi Road,
AHMEDABAD-380001

MAHARASHTRA

Gala No. 9 & 10, Blue Bell Imperial
Manas Industrial Hub,
Opp. Chinchpada, Valiv Road,
Vasai East, PALGHAR - 401208

EAST

WEST BENGAL

Flat No. 2F, Crescent Tower,
229 AJC Bose Road, Kolkata - 700 020,

Plot No. 1369, Sankrail Industrial Park
Dhulagarh, Dist Howrah
KOLKATA - 711302

30, Sevok Road, Santdeep Building
2nd Floor, SILIGURI - 734001

PATNA

JAK, Pratap Nagar,
Jakariyapur, Patna - 800001

JHARKHAND

Plot No. 2072, Near MS Dhoni Farm House,
Vill-Simaliya, PS-Ratu, Daladili Chowk,
RANCHI - 835222

ASSAM

Dhiraj Tumung Compund,
Dag No. 102, Pamohi - DPS Road
GUWAHATI - 781035

H.O.

Balar Marketing Pvt. Ltd.

217, Functional Industrial Estate,
Patparganj, DELHI - 110 092

Fybrós Moddular Pvt. Ltd.

205, 2nd floor,
Orbit Industrial Estate,
Chincholi Bunder Road,
Malad (W) MUMBAI- 400064

Balar Marketing Pvt. Ltd.

12/42, Taylors Road,
Kilpauk, CHENNAI - 600010

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