



WIRES & CABLES

Product Manual

About us

Fybros 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, Fybros 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*

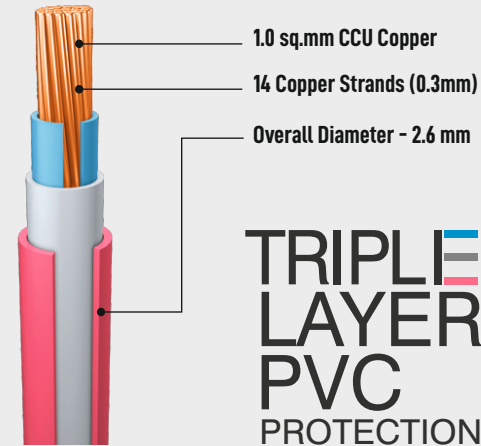




FR

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.



MORE THAN
100%
CONDUCTIVITY

BUNCHING
100%

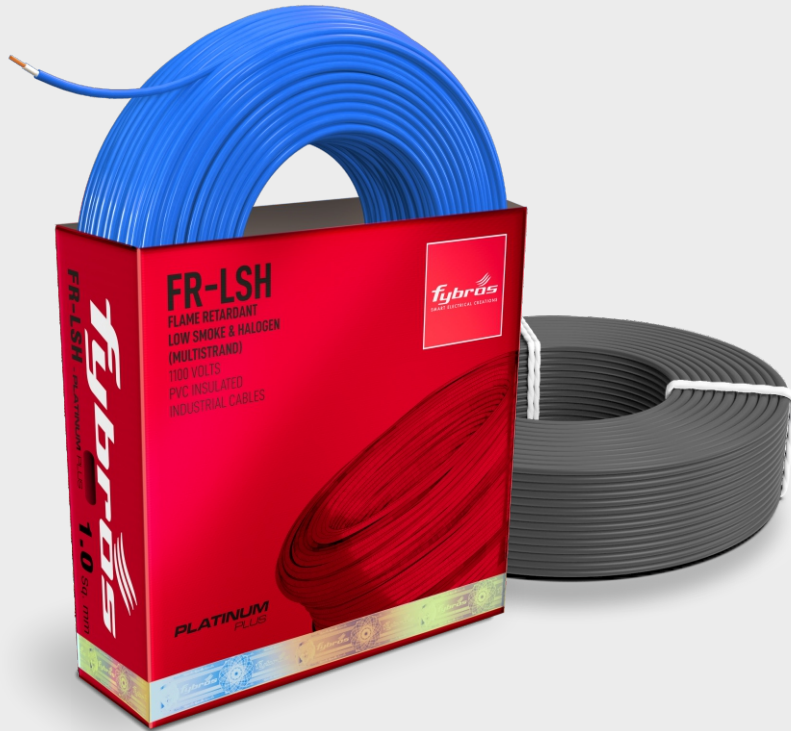
FLAME
RETARDANT



FR-LSH

Flame Retardant Low Smoke and Halogen Multistrand Single Core Unsheathed Flexible IndustrialCables

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

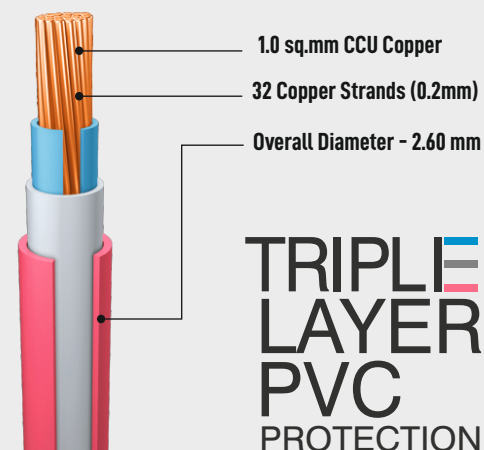


UFFR

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



VIR CABLES

PVC INSULATED
UNSHEATHED
Solid Stranded Copper Wire

FYBROS PVC Insulated Unsheathed Single Core Wires manufactured with plain annealed copper conductor solid & stranded insulated with electric grade PVC compound conforming (Industrial Cables) conforming to IS : 694:2010 Voltage Grade 1100 Volts, The CIR wires & cables are suitable for fixed wiring, House / Domestic wiring / Project & Industrial Plants, etc.



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

Industrial Cables



IT TAKES A
LOT OF BLUE
TO STAY
GREEN.

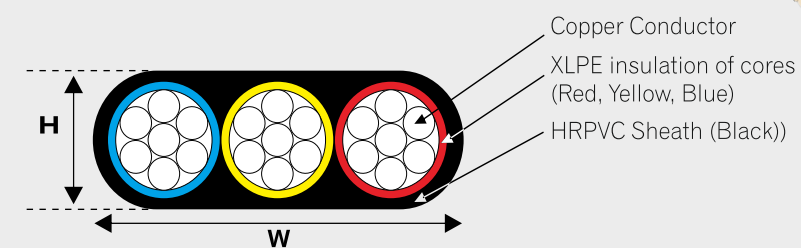
• Natural water distribution is the
utmost civilization need.
Having an irrigation system installed
should be at the top of your list.

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



TEMP
RANGE
-15°C to 70°C

TEST
VOLTAGE
3000 Volts

100%
ANNEALING

LONGER
SERVICE
LIFE

MORE THAN
100%
CONDUCTIVITY



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. FybroS 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.

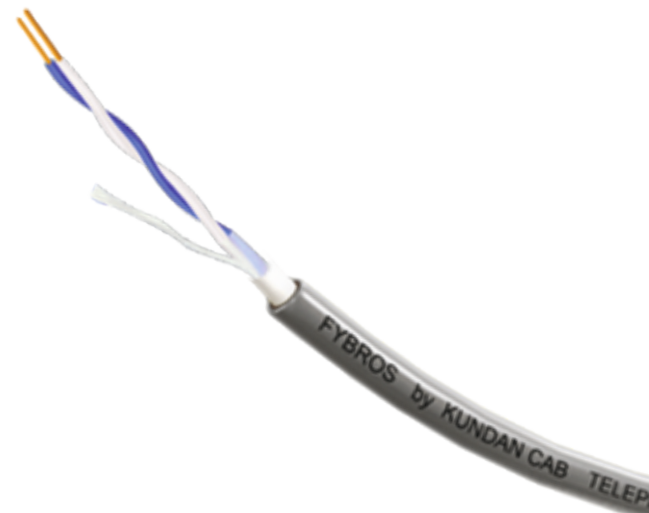


- LONGER LIFE
- HIGHER CONDUCTOR TEMP.
- HIGHER OVERLOAD CAPACITY
- HIGH CORROSION RESISTANT

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.



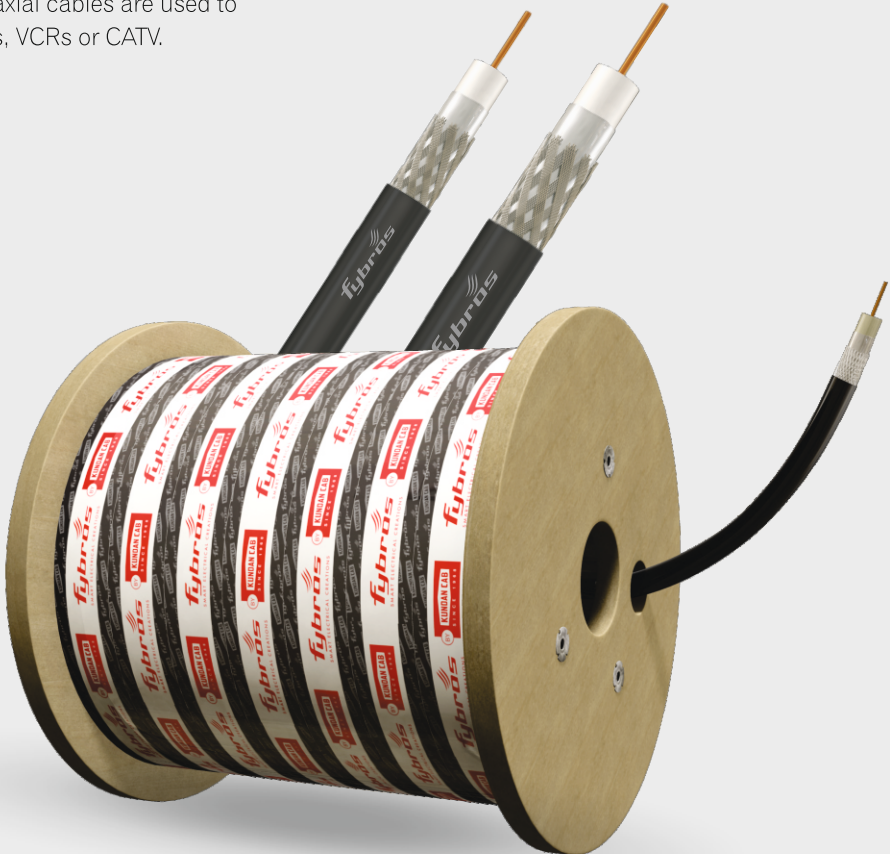
- HIGH SPEED TRANSMISSION
- ZERO NOISE LEVEL
- NO CROSS TALK
- LOW ATTENUATION
- NO VOICE LOSS



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-defination 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

 Savita Engineering College	 Appaswami Real Estate Limited	 SAP Labs, Bangalore	 Isha Homes	 Bharat Heavy Electricals Limited
 VGN DEVELOPERS	 CPWD	 Prestige Builders, Bangalore	 Public Works Department, Tamil Nadu - PWD	 Tamil Nadu Police Housing Corporation - TNPHC
 K2 Enginners Pvt. Ltd.	 Arun Excello	 Chennai Port Trust	 Cognizant Technologies Solutions	 Shapoorji Pallonji & Company Limited, Bangalore
 KRISHNA Construction	 P & C Construction	 SJR Builders, Bangalore	 Fire Pro, Bangalore	 Madurai Kamraj University, Madurai
 De-Luxe Apartments & Building Co.	 Tamilnadu Housing Board	 Tata Consultancy Services, Bangalore - TCS	 Jain Builders, Chennai	 Load Controls India Ltd., Bangalore
 Marutham Group, Chennai	 DUGAR	 G.K. SHETTY BUILDERS	 COLORHOMES	 S.I.S
 RADIANCE	 PACE Builders	 Alliance Group	 P DOT G Constructions	 Mallés
 CEEEROS Property Development	 L & T Construction	 Marg Properties	 RUBY Building Future	and many more....

SAFETY BACKED WITH A
STYLE STATEMENT



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.



Cables For Every Weather

NORTH



DELHI

166, Functional Industrial Estate,
Patparganj, DELHI - 110092

UTTAR PRADESH

Khasra No. 6 KH, Plot No: 03,
Dehra MG Road, Opp: Coca Cola,
Dhaulana, Hapur, UTTAR PRADESH - 245101.

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

RAJASTHAN

F18-A/2, Road No.2,
Vishwakarma Industrial Area,
JAIPUR - 302013



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,
BANGALURU - 560002

GUJARAT

410 Sub Plot Number 69/2/3
Balaji Estate B/H Moni Hotel
Narol - Naroda Highway Isanpur
AHMEDABAD - 382443

First Floor, Shop No. 82-1,
Paras Chambers, JEAN Compound,
SURENDRANAGAR - 363002

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 - 700020

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

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

BIHAR

Shree Mahavira Logistics, Gopalpur Sampatchak,
Patna Gaya Road, PATNA - 800008

Jindal House Building, P. K Sahi Lane, 5th Floor
S. P Verma Road, PATNA-800001

JHARKHAND

Plot No. - 326, Mother Dairy Road,
Tikratoli, Tundiul, RANCHI - 835303,

ASSAM

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

House No - 06, Rangamancha Path,
Rukmininagar, GUWAHATI - 781006

ODISHA

No.: C/3, Old Industrial Estate
Jagatpur, CUTTACK - 754021

Balar Marketing Pvt. Ltd.
J-48 & J-49, Sector-63, Noida,
Gautam Buddha Nagar,
UTTAR PRADESH - 201301

Balar Marketing Pvt. Ltd.
217, Functional Industrial Estate,
Patparganj, DELHI - 110 092

Fybras 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

H.O.



Our Footprints Across India



WEST



BALAR MARKETING PVT. LTD.
Corporate Office: J-48 & J-49, Sec-63, Noida, Gautam Budh Nagar, UP - 201301
For queries contact to our customer care executive at above address
Customer Care Email: customercare@fybros.com,
Website: www.fybros.com
Customer Care Toll Free: 1800-270-6334
WhatsApp Virtual Assistant: 7070706737 (say “Hi” For Quick Connect)



SCAN this QR-code from
your smart phone to
visit our website

Call

1800-270-6334
(Customer Support)

My Fybro's App



7070706737
(Say "Hi" for quick connect)

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