



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 advanced manufacturing facilities, located in Bhiwadi, Rajasthan, are complemented by regional offices in Vasai (Maharashtra), Hyderabad, Anand (Gujarat), and Bawana (Delhi). These state-of-the-art plants are fully equipped to efficiently meet the demands of the Fast-Moving Electrical Goods (FMEG) sector. Our corporate headquarters are situated in Noida, and we also have branch offices in key cities across India, including Mumbai, Chennai, Bangalore, Kolkata, and other major locations.

CONTENTS

- 01 **FR** CABLES
- 02 **UFFR** CABLES
- 03 **FR-LSH** CABLES
- 04 **VIR** CABLES
- 05 **3 CORE FLAT XLPE/PVC** CABLES
- 06 **SINGLE & MULTICORE** CABLES
- 07 **TELEPHONE & SWITCHBOARD** CABLES
- 08 **CO-AXIAL** CABLES
- 09 **COMPUTER & LAN NETWORKING** CABLES
- 10 **CCTV** CABLES



FOR A
SMARTER AND
SAFER WORLD

*Domestic
Cables*





FR

Multistrand Single Core Unsheathed Industrial Cables

FYBROS manufactures FR wires, multi-strand 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.



HIGH
CONDUCTIVITY

BUNCHING
100%

FLAME
RETARDANT



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.

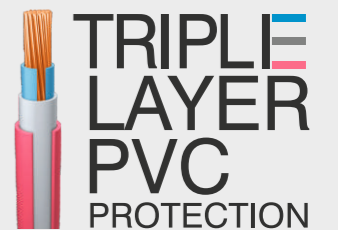
UFFR cables are made of highly Pure Electrolytic Grade bright annealed bare copper with more than 100% conductivity, making it an excellent conductor of electricity and thus helping save energy.



HIGHER
CURRENT
CARRYING
CAPACITY

SUPERIOR
INSULATION
RESISTANCE

HIGH
DI-ELECTRIC
STRENGTH





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.



- HIGH CONDUCTIVITY
- CONTAINS FIRE FIGHTING MOLECULES
- MOISTURE RESISTANT
- SELF EXTINGUISHING
- OXYGEN ENTRAPMENT



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.



- HIGH CONDUCTIVITY
- 100% TWISTING
- PURE ELECTROLYTIC COPPER
- LONGER FLEXIBLE LIFE



Industrial Cables





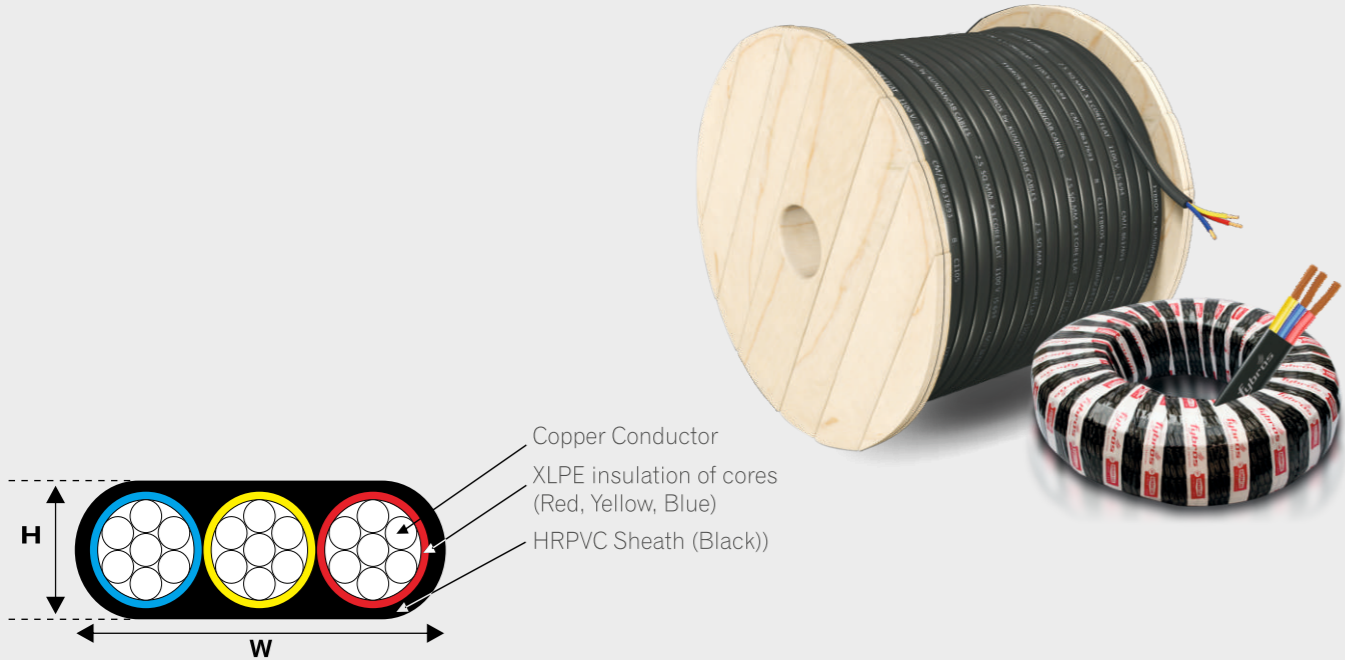
3-Core X-Flat Submersible Cable Copper Conductor,

PVC Insulated & Sheathed**

3-core flat cable with flexible copper conductors, PVC insulated and sheathed, designed for submersible pump applications. Suitable for continuous underwater operation and outdoor environments, offering high mechanical, chemical, and UV resistance.

- Conductor : Flexible copper, IEC Class 5
- Insulation : PVC, color-coded cores
- Sheath : PVC, abrasion, moisture, and chemical resistant
- Installation : Submersible pumps, boreholes, irrigation, water supply systems
- Compliance : IEC 60502 / IS 694 (or relevant standards)
- Applications :

- * Submersible and surface pump systems
- * Industrial and agricultural water supply
- * Irrigation & residential water pumping



- TEMP RANGE -15°C to 70°C
- TEST VOLTAGE 3000 Volts
- 100% ANNEALING
- LONGER SERVICE LIFE
- HIGH 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.

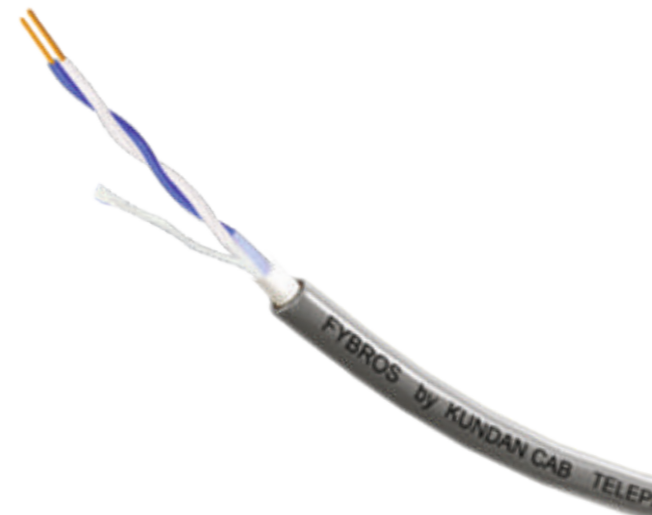


- 100% ANNEALING
- LONGER FLEX LIFE
- 100% BUNCHED
- TEMP RANGE -15°C to 70°C
- HIGH CONDUCTIVITY

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.



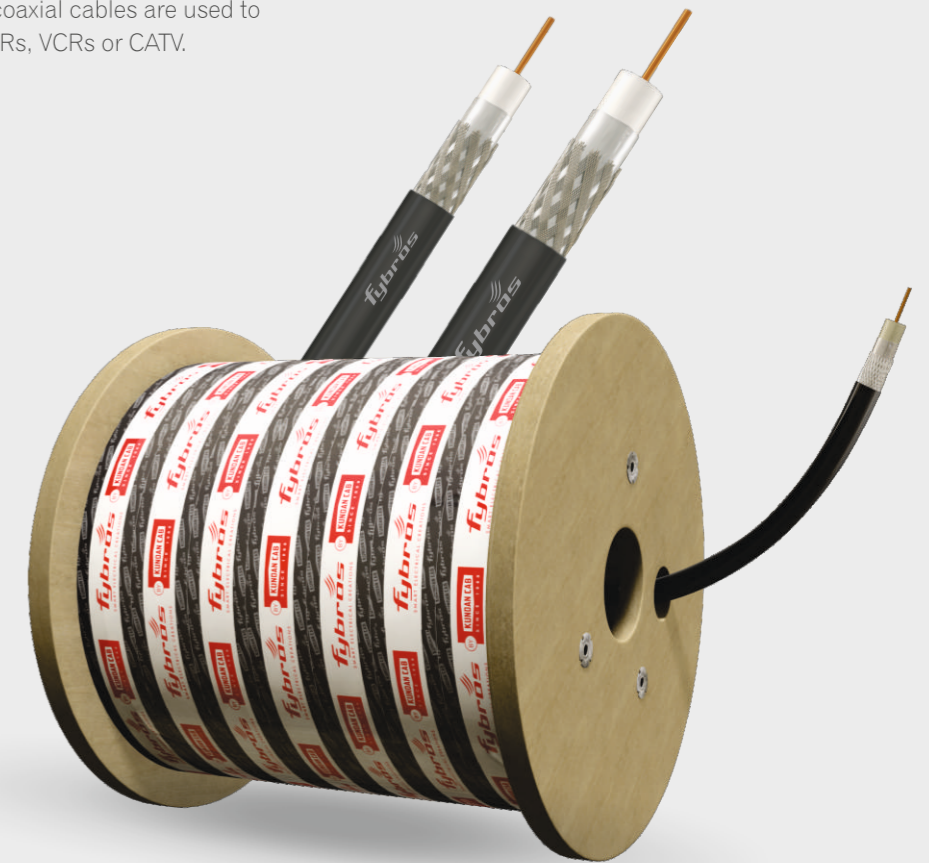
- HIGH SPEED TRANSMISSION
- ZERO NOISE LEVEL
- NO CROSS TALK
- LOW ATTENUATION
- NO VOICE LOSS



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

 Savita Engineering College	 Appaswami Real Estate Limited	 SAP Labs, Bangalore	 Isha Homes	 Bharat Heavy Electricals Limited
 CREATING ASSETS SINCE 1942 VGN DEVELOPERS	 CPWD	 Add Prestige to your life Prestige Builders, Bangalore	 GOVERNMENT OF TAMIL NADU YOUTH ALONE TRIUMPHS Public Works Department, Tamil Nadu - PWD	 Tamil Nadu Police Housing Corporation - TNPHC
 K2 Engineers Pvt. Ltd.	 ARUN EXCELLO Arun Excello	 PORT OF CHENNAI Chennai Port Trust	 Cognizant Cognizant Technologies Solutions	 Shapoorji Pallonji & Company Limited, Bangalore
 KRISHNA Construction	 P & C Construction	 SJR BUILDERS SJR Builders, Bangalore	 firepro STAY SAFE Fire Pro, Bangalore	 Madurai Kamraj University, Madurai
 The Joy of Home De-Luxe Apartments & Building Co.	 Tamilnadu Housing Board	 TATA Tata Consultancy Services, Bangalore - TCS	 JAIN BUILDERS Jain Builders, Chennai	 LOAD CONTROLS Load Controls India Ltd., Bangalore
 MARUTHAM GROUP for Inspired Living Marutham Group, Chennai	 DUGAR TRUST IS A TRADITION FOR OVER 9 DECADES DUGAR	 G K Shetty Builders Pvt Ltd. G.K. SHETTY BUILDERS	 COLORHOMES™ COLORHOMES	 S.I.S. Turning Lands into Landmarks S.I.S.
 RADIANCE RADIANCE	 PACE BUILDERS PACE Builders	 alliance GROUP Alliance Group	 P dot G P-G Constructions (p) Ltd. P DOT G Constructions	 MALLES Malles
 CEEBROS CEEBROS Property Development	 L&T Construction L & T Construction	 MARG Proper Ties The joy of ownership Marg Properties	 RUBY Building Future RUBY Building Future	and many more....

NOTES



Cables For Every Weather

NORTH



DELHI

166, Functional Industrial Estate,
Patparganj, ANKUSH - 110092

UTTAR PRADESH

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

E-7A, Transport Nagar Road,
Hindanagar Colony, Transport Nagar,
LUCKNOW - 226012

RAJASTHAN

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

JAMMU & KASHMIR

National Highway Puzalpura,
Bijbehara, Anantnag - 192124,



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

Shop No. 2, Bhawani Complex, Near Bus Station,
Kamrej, Char Rasta, Surat - 394185

MAHARASHTRA

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

Mahavir Chowk, Main Road,
CISCO, Nanded - 431603

Swaminarayan Nagar, Nr. Canal,
Sara Road, Halwad - 363330

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

33/34, 2nd Floor, Sevoke Road,
Maruti Sadan Building, SILIGURI - 734001

BIHAR

Gopalpur Sampatchak,
Patna Gaya Road, PATNA - 800007

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 - 754001

WEST



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



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)

The intellectual property of Balar Marketing Pvt. Ltd. is safeguarded by copyright. Reproduction or printing of any portion of this catalogue is strictly prohibited without the explicit consent of Balar Marketing Pvt. Ltd. Our patents, trademarks, and designs are legally protected. Any infringement is subject to prosecution. Imitation of graphics is considered a punishable offense. The brand identity, concept, and design are exclusive to Balar Marketing Pvt. Ltd.

Terms & Conditions:

Warranty is applicable to Fybro's products according to Fybro's warranty policy. Continuous design and product development are routine practices at Fybro's, so data in this catalogue may change without prior notice. Customers are advised to check current data before purchasing any product.

Images/colours used in the catalogue are strictly for representational purposes only. Actual product/colour may vary due to product improvements, innovations and printing limitations.

