



BUILDING STRONGER CONNECTIONS



Telecom
Infrastructure



Fiber Optic
Solutions



Network
Integration



Connectivity
Solutions



Installation &
Maintenance Support



Customised
Telecom Solutions



The future is not something we enter. The future is something we create.

WHO WE ARE?



Established in 2024, LIOHT TECHNOLOGIES LLP is a leading provider of high-quality copper, optical fiber, and BTS installation materials. With a strong focus on innovation and customer satisfaction, we are committed to delivering turnkey solutions that meet the evolving needs of the telecommunications industry.

OUR VISION

Long-Standing Corporate Vision: "To help people and businesses throughout the world realize their full potential."

Our future will not be defined by what we have built, but what we empower others to build.

Key Pillars :

1. Network Excellence & Next-Gen Infrastructure.
2. Customer-Centricity & Seamless Experience.
3. Digital Innovation & Ecosystem Expansion.
4. Security, Trust & Data Privacy.
5. Sustainability & Responsible Growth (ESG)

OUR MISSION

- To empower every person and every organization on the planet to achieve more.
- To be a trusted partner for customers seeking innovative and cost-effective solutions for their connectivity needs.
- To contributing to the advancement of communication technology through continuous improvement and customer focus.
- To provide high-quality copper, optical fiber, BTS installation materials, and related components.

WHY CHOOSE US?



CERTIFIED QUALITY & RELIABILITY

ISO 9001-2008 certified, ensuring superior product quality and adherence to international standards.



INNOVATIVE & FUTURE-READY SOLUTIONS

We integrate cutting-edge technology and continuous R&D to stay ahead in the industry.



SEAMLESS TURNKEY SERVICES

End-to-end solutions from design to delivery, ensuring a hassle-free experience.



SUSTAINABLE & CUSTOMER-CENTRIC APPROACH

Eco-friendly manufacturing and personalized service to build long-term partnerships.

FIBER OPTICS

FIBER ASSEMBLIES

FIBER PATCH CORD/PIGTAILS

Fiber optic patch cords come in various types such as SC, LC, FC, ST, MPO and E2000. Single Mode cords are usually yellow and suitable for long-distance communication, while Multimode cords offer high bandwidth and are mainly used for short-distance data transmission.



FIBER OUTDOOR PATCH CORDS {CPRI}

Fiber Outdoor Patch Cords (CPRI) are durable fiber optic cables for reliable outdoor connectivity in telecom and wireless networks. They provide high-speed transmission, low signal loss, and weather resistance, ideal for connecting RRUs and base-band equipment.

FIBER SPLITTERS

Fiber Splitters are passive optical devices used to divide a single fiber optic signal into multiple outputs. They provide reliable signal distribution, low insertion loss, and high performance, making them ideal for FTTH, telecom, and broadband networks.



FIBER JOINT CLOSURE

Fiber Joint Closure are protective enclosures used to safely house and seal fiber optic cable joints and splices. They provide excellent protection against moisture, dust, and environmental damage, ensuring reliable performance and long-term durability in outdoor telecom and fiber networks.

FIBER CABLES-INDOOR/OUTDOOR

Fiber Cables – Indoor/Outdoor are designed for reliable, high-speed data transmission in both indoor and outdoor environments. They offer low signal loss, durability, and protection against environmental conditions, making them ideal for telecom, broadband, and network applications.



FIBER MANAGEMENT SYSTEM

Fiber Management System provides organized and secure fiber connectivity, ensuring easy cable management, protection, and reliable network performance.

FIBER OPTIC CONNECTORS & ADAPTERS

Fiber Optic Connectors & Adapters ensure secure and reliable fiber connections with low signal loss, easy installation, and stable high-speed data transmission.

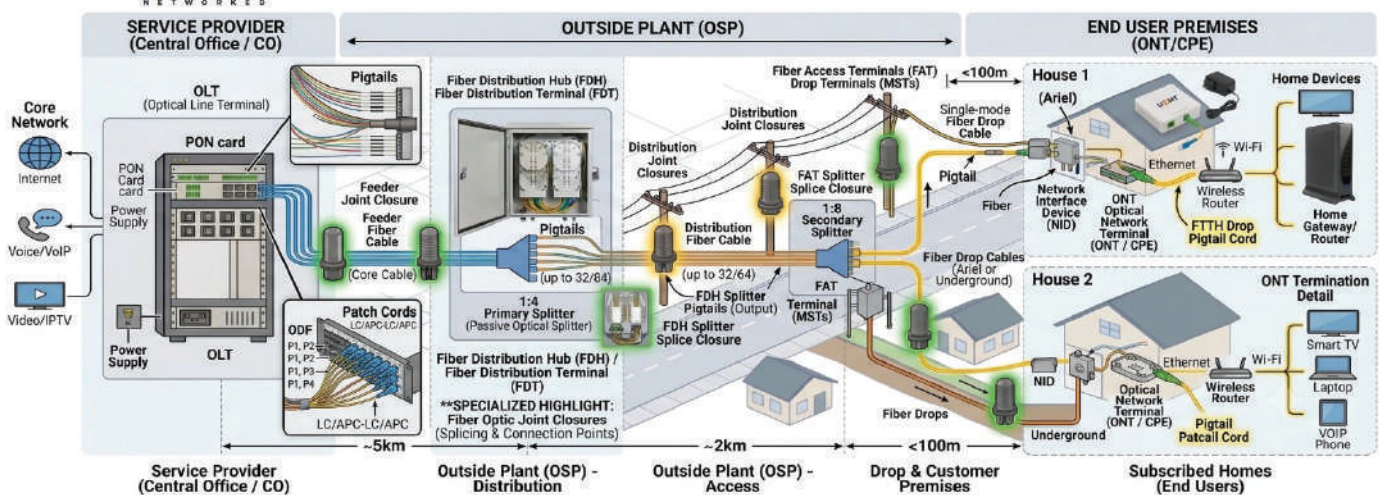


SFP TRANSCEIVERS

SFP Transceivers enable high-speed data transmission between network devices, offering reliable connectivity, flexible installation, and efficient network performance.

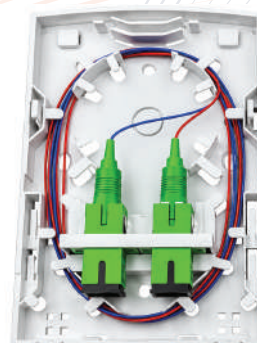
FTTH SOLUTIONS

LIHNT FTTH (FIBER TO THE HOME) ARCHITECTURE (GPON NETWORK)



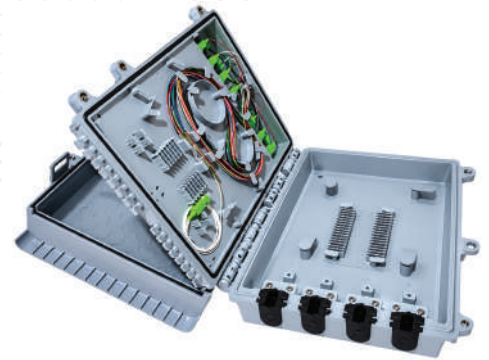
Fiber Home Termination Box

Fiber Home Termination Box provides safe and organized fiber termination, protecting connections and ensuring reliable, high-speed network performance.



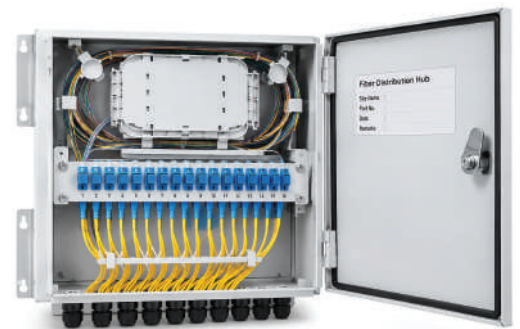
Fiber Access Termination Box

Fiber Access Termination Box provides secure and organized fiber termination, protecting connections and ensuring reliable network performance.



Fiber Distribution Hub

Fiber Distribution Hub enables efficient fiber distribution and organized cable management, ensuring secure connections and reliable network performance.



Outdoor Racks/Cabinets

Outdoor Racks/Cabinets provide secure and weather-resistant housing for telecom and fiber equipment, ensuring reliable protection and easy maintenance.



RF & WIRELESS SOLUTIONS

RF CABLES

HLF LMR Cable

HLF coaxial cables provide high-performance coaxial communication and are suitable for wireless systems. They are more flexible than corrugated cables and offer lower loss than traditional RG cables.

Available sizes:

- HLF 200 Copper
- HLF 300 CCA
- HLF 400 CCA



Feeder Cable

Used for connecting antennas with cellular base stations and distributed antenna systems (DAS). They provide low-loss, high-performance connectivity and are available with UV-resistant jacketing and flame-retardant jackets.

Types:

- 1/4" Super Flex Cable
- 1/2" Super Flex Cable
- 1/2" Feeder Cable



RF Assemblies

High-quality jumper cables designed for excellent electrical performance, durability, and reliable RF connections. They are suitable for indoor and outdoor applications.

Product Features:

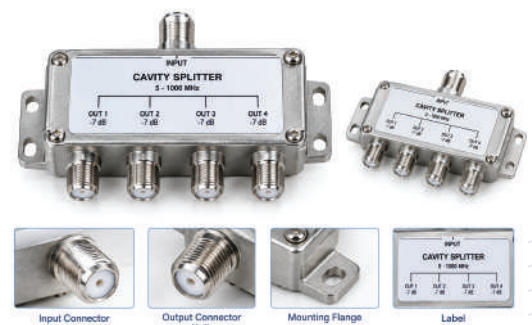
- Heat resistant
- High operational fluency
- Energy saver
- High compatibility
- High flexibility
- Easy and efficient installation
- Future-proof investment



RF Accessories



Grounding Kit



Cavity Splitter



Feeder Clamp

COPPER CABLE

Copper Indoor/Outdoor Rated cables are professionally designed for high-speed data transmission up to 350-MHz. This voice and data Cat5e cable is ideal for phones, faxes, internet and computer networking. It is independently verified to meet and exceed industry standards for guaranteed performance, safety and quality assurance.

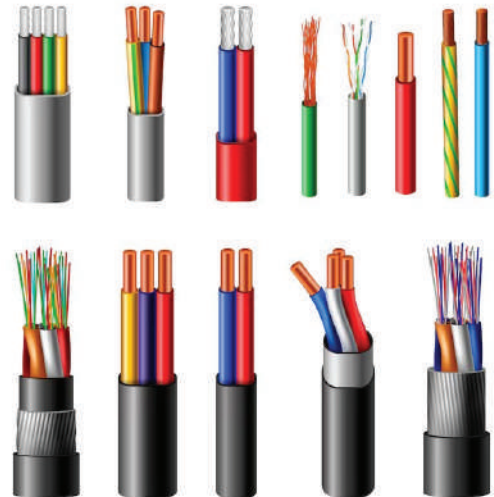
- Cat 8 4 Pair Indoor Cable
- Cat 8 4 Pair Outdoor Cable
- Cat 5 4 Pair Indoor Cable
- Cat 5 4 Pair Outdoor Cable

Product Features

- Unshielded Copper, 4 pairs, category 7, stranded
- Cable is used for indoor applications such as elevators, CCTV
- Available as Un-Shielded /Shielded, UTP, FTP, STP, SFTP cable.

Product Specifications

Insulation Resistance	Min. 5000 mega ohms-km at 20°C
Dielectric Test	1000V DC / 1 min; No Breakdown
Bend Radius	4 x cable diameter
Operating Temperature	-30°C~ 80°C



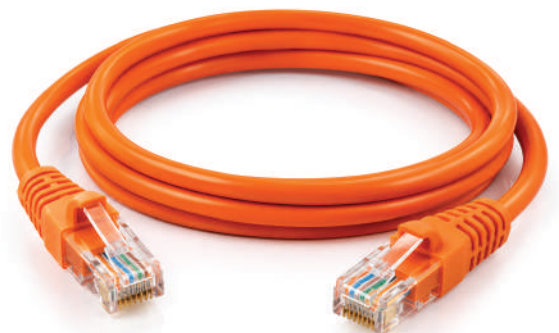
COPPER PATCH CORD

Product Features

- 2*RJ45 plug with strain relief and gold plated contacts
- Meet EIA/TIA 568
- Plug housing: PC(UL94V-0)
- Work life: at least 600 times
- Insulation resistance: $\geq 100M$
- Contact resistance: $\leq 10M$

Product Specifications

Conductor Material	Bare Copper/CCA/CCS
Conductor	Stranded 7*0.2mm/7*0.18mm/7*0.12mm(or others)
Insulation	HDPE/ PE
Jacket	PVC/LSZH/ROHS (5.5mm)



COPPER PANELS

Product Features

- Designed for use with CAT5e Patch Panels
- 24 CAT5e ports
- 110 style punch down
- 568-A/B wiring code



Product Specifications

Colour	can be customizable as per requirement
Category Rating	CAT5e/Cat6/Cat6e
Ports	24 ports
Style	Rack Mount
Weight (Lbs)	1.39

INSTALLATION ACCESSORIES

INSULATION TAPES

0.13mm self-extinguishing soft PVC tape with strong rubber-based adhesive, designed for electrical insulation and general-purpose applications up to 600V.

Applications

- Cable bundling & harnessing
- Colour coding
- Duct sealing
- General-purpose splicing
- Electrical insulation up to 600V

Key Benefits

- Good abrasion, corrosion & moisture resistance
- Good dielectric strength & mechanical protection
- Excellent conformability



GROUNDING CABLE

Product Features

- Conductor structure is not the same, RV conductor, the number of roots to be more.
- Voltage levels are not the same, the general level of BVR voltage is higher.
- Insulation thickness is not the same, BVR insulation thicker.
- Use is not the same, RV is mainly used for household appliances cable, BVR is mainly used for motors, power distribution cabinets and other places.

Voltage	450V/750V
Sheath	pvc
Standard Length	100 meter
Colour	yellow and green
Voltage	Low Voltage
Conductor Material	Copper
Insulation Material	PVC



CABLE TIES

Cable Ties are available in various materials such as nylon, PVC, PTFE, aluminium, and stainless steel. They provide secure and durable cable bundling with suitable tensile strength and maximum bundle capacity. Choosing the right size and material ensures reliable performance and prevents cable damage.



LUGS

Our lugs and connectors are designed to provide safe, economical, and reliable performance. Made from high-quality electrolytic copper and electro-tinned for corrosion and oxidation resistance, they meet international quality standards and are suitable for low and medium-voltage applications. Burr-free edges ensure easy conductor entry, while their precision and robust construction provide high safety and reliable performance.



COLD SHRINK TUBE

Cold Shrink Tubes provide a constant radial pressure seal without the need for heat or special installation tools. They offer long-term reliability and excellent moisture resistance, making them suitable for outdoor and submersible applications. They are ideal for primary insulation of low-voltage cables and cable splices up to 1000V AC.



DEFENSE HARNESS

EFDU Interfacing Loom Assembly

Provides reliable power, control and signal connectivity between the EFDU and associated components while protecting wiring from environmental and mechanical stresses.

Defense Harness
EFDU Interfacing Loom Assembly



Defense Harness
Test Jig for Tank Level



DEFENSE HARNESS

Test Jig for Tank Level

Used to test and validate tank-level harness assemblies, ensuring proper wiring, electrical integrity and reliable signal performance.

CABINET UNIT

Aviation Control Unit (ACU) Cabinet – 1.2M

Provides control, monitoring and communication interfaces for reliable aircraft system operation.



CABINET UNIT

Auto Modelling Test Kit

Portable equipment for testing, calibration and troubleshooting of electronic systems in defense applications.

LVDS HARNESS

A 40-pin cable assembly designed for reliable ACU/ECU connectivity and high-speed data transmission, with customized configurations for different panels.

LVDS Harness
Low Voltage Differential Signaling



EV HARNESS

A reliable wiring assembly for transmitting power and electrical signals in EV, automotive, electronic, and industrial applications, using multiple connectors and color-coded wires.

Battery Cable Harness

High Current | Reliable | Automotive Grade



EV Harness

High Voltage & Low-Voltage Wiring Harness for Electric Vehicles



BATTERY CABLE HARNESS

Designed for reliable power transmission, featuring a 25 mm², 540 mm cable with M6 ring and Anderson terminals and heat-shrink protection.

CCTV CABLE HARNESS

An RJ45 male-to-female cable harness designed for secure and reliable connectivity between CCTV devices and surveillance systems.

CCTV Cable Harness

Reliable Connectivity for Surveillance Systems



PCB to Display Board Assembly

Reliable Connection | High Performance | Optimized for Display Systems



PCB TO DISPLAY BOARD ASSEMBLY

A 6-conductor ribbon cable assembly with male and female connectors, designed for reliable PCB-to-display connectivity and easy system integration.

CTV CABLE HARNESS – GENERAL APPLICATION

Designed for CCTV surveillance systems, featuring a shielded 10-core cable with RJ45, DC power, and multi-pin connectors for reliable signal transmission.

CCTV Cable Harness

General Application

Reliable Connectivity | Clear Signal | Built for Security Systems



LED Harness

Reliable Power & Signal Connection for LED Lighting Systems

Automotive | Industrial | Commercial | Custom Applications



LED HARNESS

A compact 2-pin JST SM male-to-female harness designed for LED lighting, sensors, and small electronic applications.

EV CHARGER HARNESS

Designed for EV and electric scooter charging applications, featuring an XT-style connector and Molex connection for reliable battery charging.

EV Charger Harness

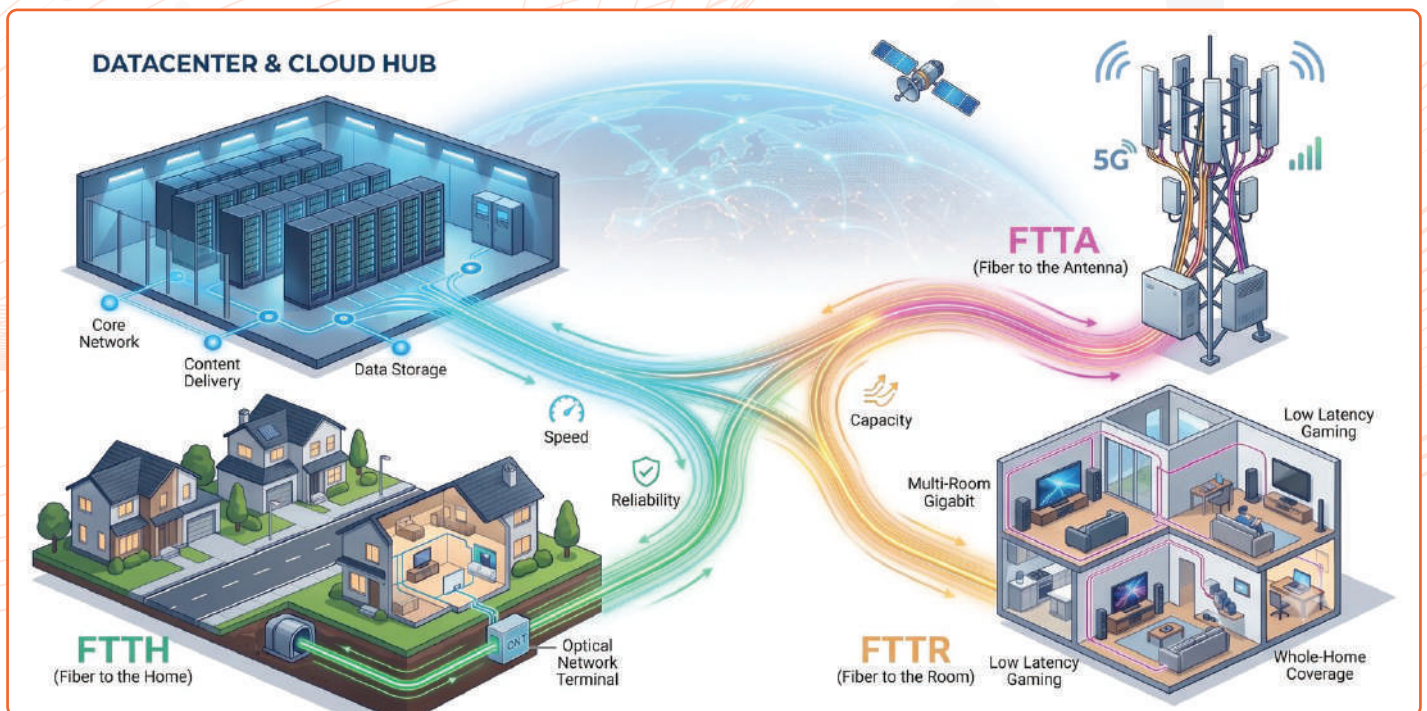
Safe | Efficient | Reliable

High-Performance Wiring Solution for Electric Vehicle Charging Systems





We don't just route signals; we build
the physical backbone of global
human connection.



CONTACT US:

LIOHT TECHNOLOGIES LLP

Website: www.liohttech.com



Contact details: 9052325790/ 9970969911

Email: sales@liohttech.com

Address: 5504, SBR Horizon, White field Hosakote main road, Kannamangala,
Bangalore- 560067