Fiber Cloud



Fiber Cloud

Shanghai Fiber Cloud Communication Technology Co., Ltd.

Address: Building 8, No. 1098 Chuansha Road, Pudong New Area, Shanghai City, China
E-mail Address: sales@fibercld.com
Website: www.fibercld.com

Company Introduction



Shanghai Fibercloud Communication Technology Co., Ltd. (Fibercloud) is a private communication technology company that develops, produces and sells high-end optical fiber cables and data center products. The company was officially registered and established in 2018 with a total investment of RMB 10 million. The company's headquarters is located in Zhangjiang High-tech Park, Pudong, Shanghai, China, and its R&D and production base is located in Jiashan Internet of Things 5G Industrial Park, Zhejiang, China, covering an area of 30 acres.

Fibercloud adheres to the team concept of "staying true to our original aspiration and carrying on our dreams", and has brought together a group of scientific researchers in the fields of optical fiber cables, intelligent sensors, and power communications, as well as managers from leading international optical communication companies. At the same time, Fibercloud is equipped with the most advanced optical fiber cables and data center product production equipment in China, and can provide customized products and supporting services for high-end users at all levels at home and abroad.

With Fibercloud's excellent management model and strong technical strength, Fibercloud has successively provided high-quality products and service solutions for China's first quantum commercial communication trunk line, several data center computer rooms, and dozens of national defense communication trunk line construction projects.

Our Services:

Fiber Optic Cable Solutions, Data Center Solutions, Optical Distribution Network solutions, Power Transmission Line System Solutions, Laser solutions for the medical industry.





Company Culture

Safety—We adhere to the highest standards to ensure the safety and health of our customers. This standard requires us to ensure safety and health as the premise of any work, product safety and healthy life.

Quality—Total quality management is Fibercloud's code of conduct. It requires us to control and improve all aspects such as raw materials, processes, procedures, and services.

Integrity is the foundation of Fibercloud's reputation and the guiding principle for handling all internal and external relations. We hope to win the respect and trust of people all over the world through honesty, benevolence and fairness.

Innovation is the lifeblood of Fibercloud. Fibercloud has always dreamed of making a significant contribution to scientific and technological progress, and hopes that this spirit can be inherited and carried forward so that we can stand at the forefront of products and markets. Fibercloud seizes the inherent opportunities of innovation and change, and we are confident in shaping the future.

Responsibility is bercloud's commitment to family and society. We require every employee to take care of their family, pay attention to filial piety, and at the same time contribute to social civilization, progress and development to the best of their ability.



Optical Fiber Solutions

Fiber Cloud

Singlemode Fiber



Fibercloud optical fibers are manufactured using the advanced PCVD and OVD process. The optical fiber is coated with a double layer UV curable acryiate,type DLPC9.
Fibers show extremely refined refractive index profile control, excellent geometrical performance, low attenuation, high resistance to micro-bending,etc.



Low Loss Single-mode G.652.D optical Fiber 9/125μm

- G.652.D Single-mode Fiber supports Ethernet, Internet Protocol (IP), Asychronous Transfer Mode (ATM), Synchronous Distribution Network (SDH) and Wavelength Division Multiplexing (WDM).
- Entire wavelength window from 1260 nm to 1625 nm.
- Meet the demand of extended long distance transmission.



Bending Insensitive Single-mode G.657.A1 Fiber 9/125μm

- Short pitch cables for special application
- High performance optical network operating in O-E-S-C-L band
- High speed optical routes in buildings (FTTx)
- Cables with small bend radius



Bending Insensitive Single-mode G.657.A2 Fiber 9/125μm

- All types of fiber cables with different structures
- High performance optical network operating in O-E-S-C-L band
- High speed optical routes for Fiber-to-the-Home networks
- Cables with extreme low bending requirements
- Small-sized fiber cable and optical component



Ultra Bending Insensitive Single-mode G.657.B3 Fiber 9/125μm

- All types of fibre patch cord with different structures
- High speed optical routes for Fiber-To-The-Home(FTTH) networks
- Cables with extreme low bending requirements
- Small-sized optical component



Ultra Low Loss and Large Effective Area G.654 Fiber 9/125μm

- Lower attenuation level, long distance transmission
- The best choice for long-distance land transmission and submarine optical cables
- Excellent resistance to hydrogen damage and aging
- Support 40G/100G/400G systems

Multimode Fiber



Multimode fiber is a common choice to achieve 10 Gbit/s speed over distances required by LAN enterprise and datacenter applications, There are several kinds of multimode fiber types avalable for high-speed network installationsand each with a different reach and data-rate capability. With so many options, it can be tough to select the mossuitable multimode fiber. Fibercloud provides OM1, OM2, OM3, OM4 and OM5 optical fiber for you to choose.

OM1

First type of fber with LED light source 62.5/125μm

- Local area networks (LAN).
- Video, voice and data services.
- Gigabit Ethernet using laser or LED light sources.
- 500m(@850) in 1Gigabit
- 1000m(@1300) in 1Gigabit.

OM2

Common MFF used for premises applications 50/125μm

- Local area networks (LAN)
- Video, voice and data services
- Gigabit Ethernet using laser or LED light sources
- Very low macro-bendingsensitivity
- 750m(@850) in 1G networks
- 2000m(@1300) in 1G networks

OM3

Laser-optimized MMF for 10G Ethernet networks 50/125μm

- Data centers
- Data storage networks
- High-performance computing centers
- Office centers
- Local area networks (LAN)
- 1&10&40&100&400Gb/s Ethernet
- 300m in 10G networks
- 140m in 40/100G networks

OM4

Popular MMF that enhances system cost benefts 50/125μm

- Data centers
- Data storage networks
- High-performance computing centers
- Office centers
- Local area networks (LAN)
- 1&10&40&100&400Gb/s Ethernet
- 550m in 10G
- 170m in 40/100G
- Single&double-wavelength transmission from 400Gb/s to 1.6Tb/s

OM5

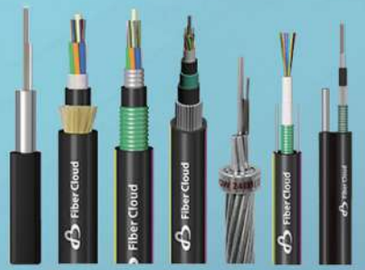
Improvement of the previous multimode fiber types 50/125μm

- Ultra High Speed Data Centers
- Data storage networks
- High-performance computing centers
- Office centers
- Local area networks (LAN)
- Support SWDM technology
- 440m in 40G
- 150m in 100G
- Single&Multi-wavelength transmission from 40Gb/s to 400Gb/s

Professional Indoor and Outdoor Cable Solutions !



Indoor Fiber Cable



Outdoor Fiber Cable



large-scale ocean cable



Fibercloud ——

Aerial Cable Solution

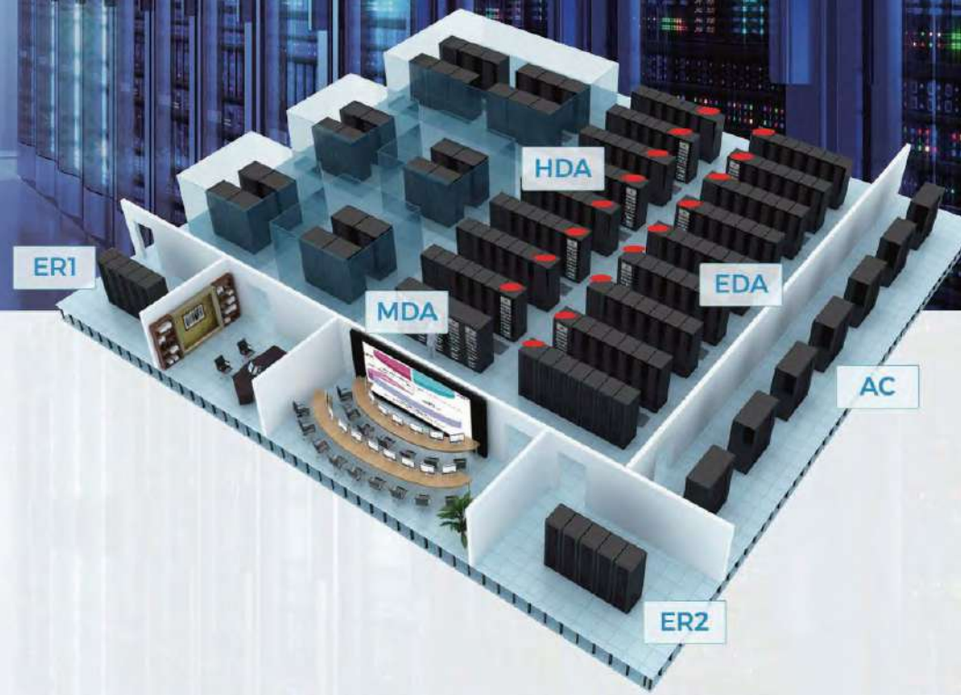
Direct-buried Solution

Duct Cable Solution



Structured Cabling Data Center Solutions

Provide the data center with solutions with high availability, reliability, manageability, extensibility and high density to ensure high efficiency, save energy, and optimize the total cost of ownership.



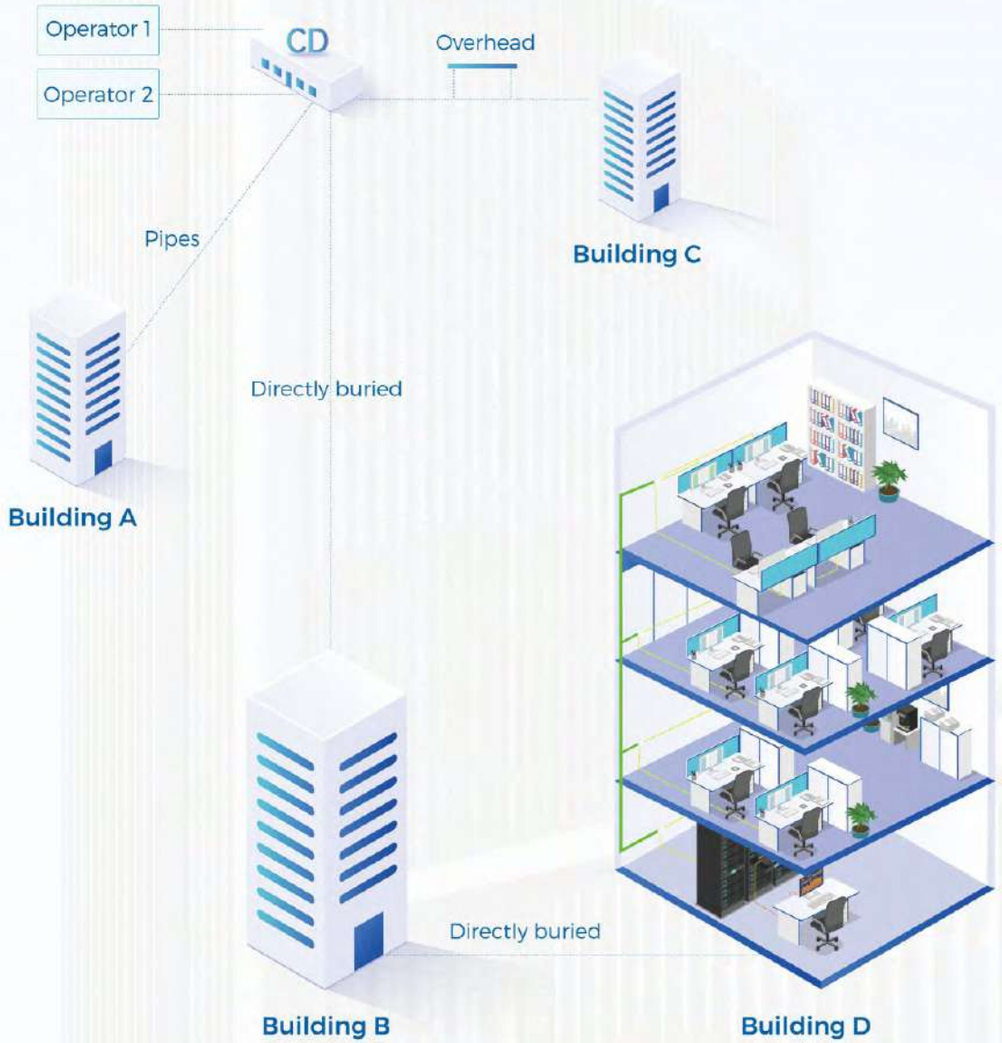


Optical Distribution Network



The FTTH optical cable network based on PON equipment is also called optical distribution network(ODN). It's function is to provide an optical transmission channel between the optical line terminal(OLT) and optical network unit (ONU).

Structured Cabling Solutions for Parks and Buildings



Copper cabling solutions

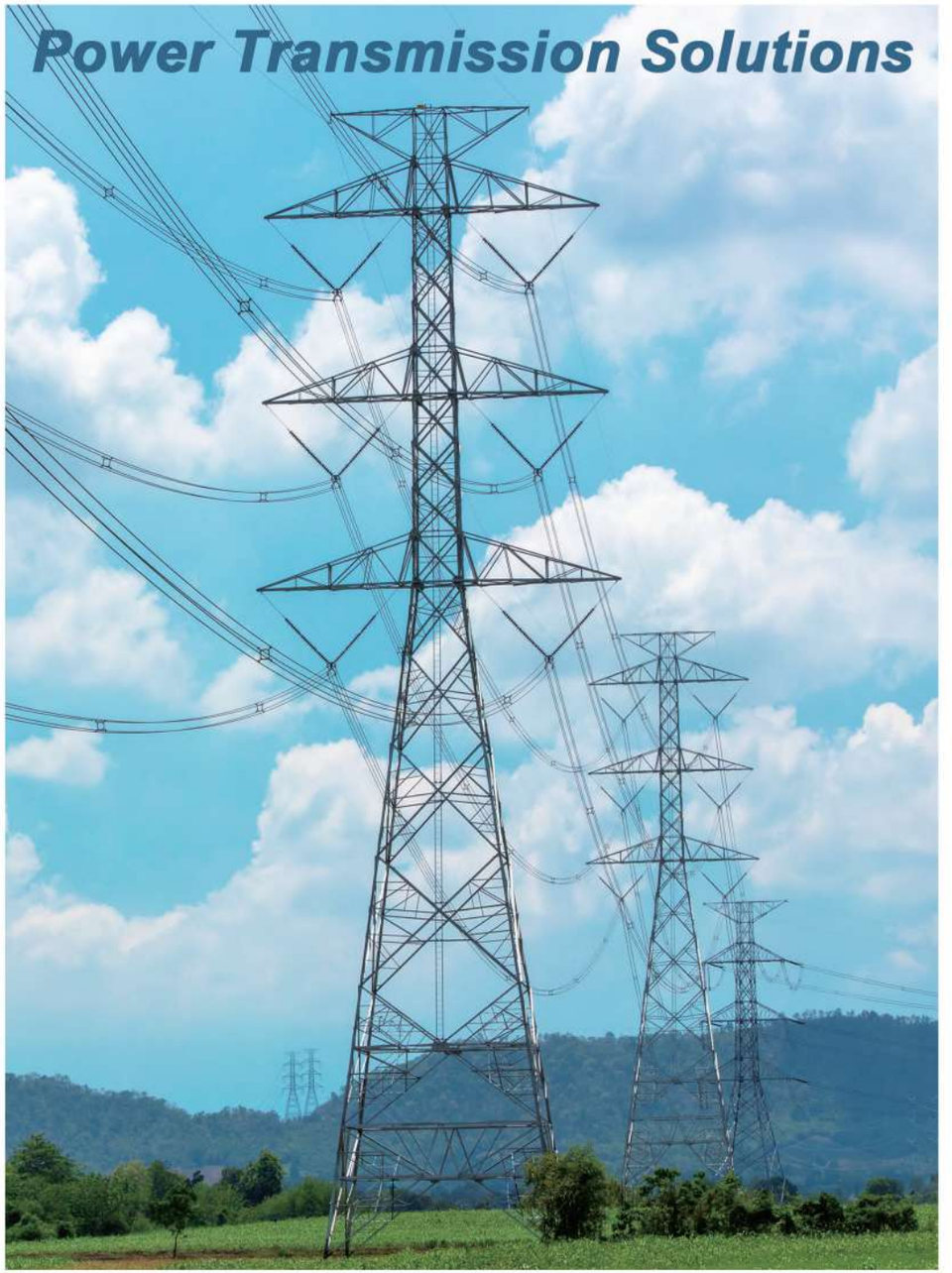


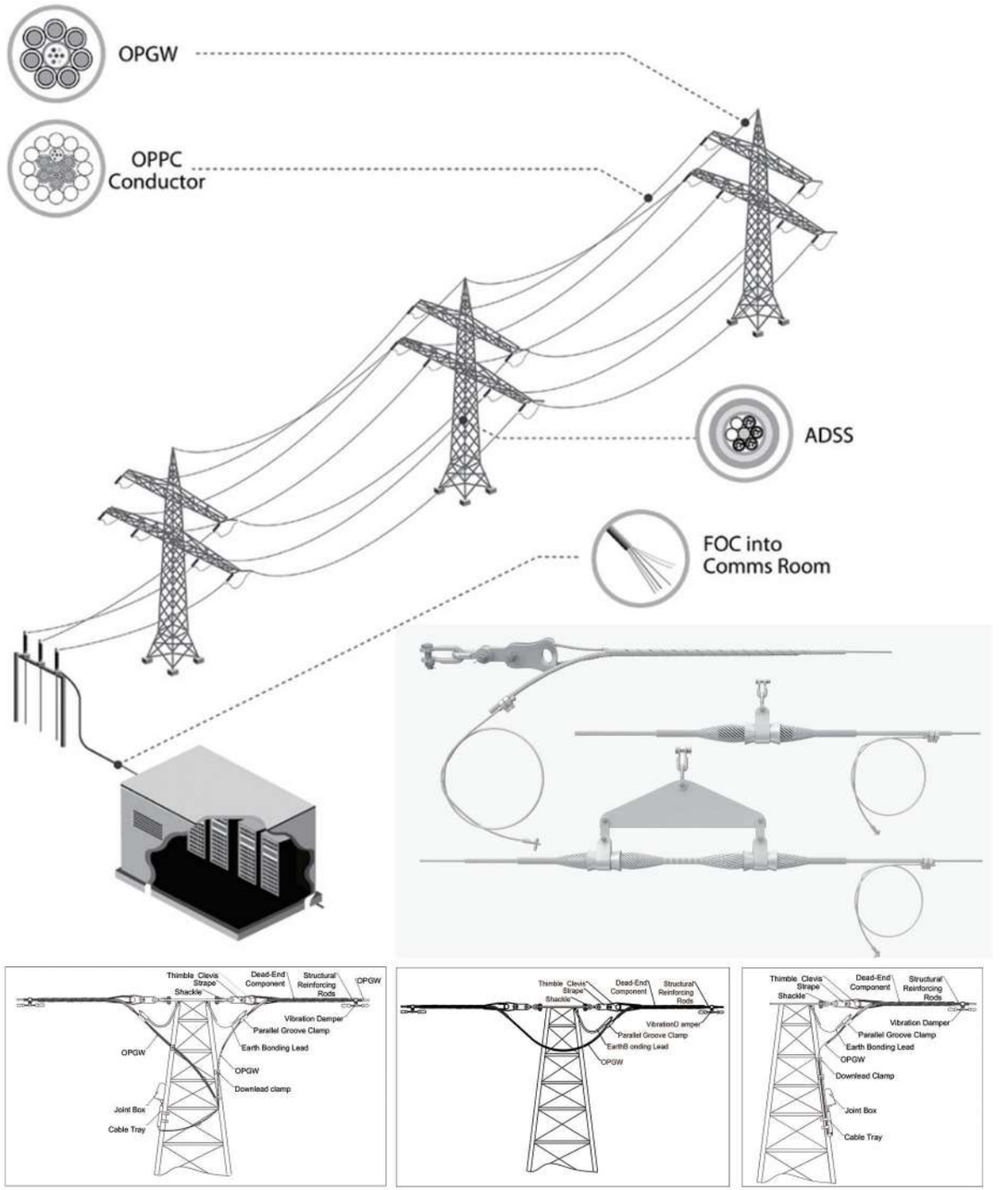
Copper cabling solutions



Fiber optic cabling solutions




Power Transmission Solutions


OPGW
OPPC
Conductor
ADSS
FOC into
Comms Room
Thimble Clevis
Strape
Shackle
Dead-End
Component
Structural
Reinforcing
Rods
OPGW
Vibration Damper
Parallel Groove Clamp
Earth Bonding Lead
OPGW
Downlead clamp
Joint Box
Cable Tray
Thimble Clevis
Strape
Shackle
Dead-End
Component
Structural
Reinforcing
Rods
Vibration Damper
Parallel Groove Clamp
Earth Bonding Lead
OPGW
Downlead Clamp
Joint Box
Cable Tray