

Article Overview

Huijue Communication provides fiber optic cables suitable for aerial and pole-mounted installations, designed for reliable outdoor performance and integration with telecom infrastructure.

Product Overview

Shanghai Huijue Network Communication Equipment Co., Ltd. manufactures a wide range of fiber optic cables and components suitable for outdoor and pole-mounted applications, including single-mode and multi-mode fibers, G.652 and G.657A2 types, and all-dielectric self-supporting (ADSS) cables . These cables are designed for aerial deployment on poles or towers, which is cost-effective and avoids the challenges of underground installation . The cables are typically jacketed with polyethylene (PE) for UV protection and durability in outdoor environments .

Applications

- o Telecom networks: Connecting base stations, distribution frames, and outdoor cabinets.
- o Power and utility industries: ADSS cables can be installed near power lines without electrical interference .
- o Data centers and campus networks: Outdoor fiber links between buildings or across campuses .
- o FTTX deployments: Fiber-to-the-home or fiber-to-the-building solutions using pole-mounted aerial cables .

Installation Considerations

- o Pole readiness: Existing poles must be authorized and prepared for cable attachment, including permits from local authorities .
- o Safety: Installation requires trained personnel with proper protective equipment, especially when working at heights or near power lines .
- o Cable routing: Routes should be surveyed, and splice points and slack storage locations planned in advance .
- o Durability: Outdoor cables are designed to withstand weather conditions, including wind, rain, and UV exposure, with carbon black in the PE jacket for UV protection .

Huijue Communication Capabilities

Huijue Communication has production bases in Shanghai and Jiangsu, with multiple workshops for fiber optic cable assembly, patch cords, and outdoor cabinets . They provide customized, one-stop solutions for telecom operators and industrial clients worldwide, including the USA, Europe, Southeast Asia, and Australia . Their products comply with international standards such as ISO14001, ISO45001, CE, and RoHS, ensuring quality and reliability .



Pole-maintaining fiber optic cable Huijue

Summary

Huijue Communication's pole-maintaining fiber optic cables are suitable for aerial deployment, offering durability, UV protection, and compatibility with telecom and utility infrastructure. They are part of a broader portfolio of fiber optic components, outdoor cabinets, and FTTX solutions, making them a reliable choice for both domestic and international fiber optic network projects .

Polarization-maintaining fibers are a crucial component in modern optical systems, where

China Fiber Optic Equipment catalog of LSZH LC/UPC Fiber Optic Easy Strip Ferrule Patch Cords, Waterproof SC/UPC 8 Cores

an existing lashed fiber optic or copper cable. This method of aerial cable installation, "overlashing," is attractive because the

Founded in 2002, Huijue Network is a high-tech service provider integrating intelligent network

Polarization-maintaining (PM) cables are indispensable in modern optical systems, designed to preserve the

Fiber optics can significantly increase the stability and convenience of measurement setups and allow large bread-board setups to

Explore proven methods for outdoor fiber optic cable installation and maintenance, covering essential tools, environmental factors,

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This prevents any interruption in light flow through the cable, thus maintaining high-quality data transfer rates.

Aerial Cable Installation Aerial Cable Installation Deploying fiber above ground on poles or towers removes the need for underground

In addition to the increasing number of fiber ports, there is also a fast growing trend of utilizing preterminated fiber solutions in the

Our production base is equipped with eleven assembly workshops, such as workshops of sheet metal, patch cord, fiber optic cable

Fibre optic cable repairs are crucial when dealing with physical damage, signal loss, and connector problems. This

Maintaining Fiber Optic Networks Some people have suggested that fiber optic networks need periodic maintenance, including

OF FIBER OPTIC CABLES AND OPTICS cable and the inner surface of an optical module lens surfaces that should be properly

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