

What are some manufacturers of prefabricated optical cables for China-Africa cooperation



Overview

Five Reputable Optical Fiber Cable Manufacturers in China 2026. This report profiles five established manufacturers that supply a range of passive optica.

Key Takeaways

Key Chinese manufacturers suitable for China-Africa optical cable projects include YOFC, Hengtong Optic-Electric, FiberHome, ZTT, Weichuang Optics, FCJ OPTO TECH, and YOA Cables. Leading Chinese Manufacturers



1. YOFC (Yangtze Optical Fibre and Cable Joint Stock Limited Company) YOFC is China's largest fiber optic cable producer with a global market share of 12% and an annual capacity of 300 million core-kilometers. They offer ultra-low-loss fibers, high-density multi-core cables (up to 576 fibers), and submarine cables suitable for long-distance Africa-China links. YOFC has extensive customization capabilities for FTTH and telecom projects, and their products comply with international standards like ITU-T G.652 and IEC 60794 . 2. Hengtong Optic-Electric Hengtong serves over 100 countries and has 11 overseas production bases. They specialize in optical fiber networks, smart grids, and submarine cables, making them a strong candidate for Africa-focused projects. Their global experience includes deep-sea communication projects, and they maintain high-quality standards for international deployment . 3. FiberHome Technologies A subsidiary of China Information and Communication Technology Group, FiberHome has decades of experience in optical fiber innovation. They provide ICT network solutions and a wide range of optical cables suitable for both terrestrial and submarine applications, supporting large-scale infrastructure projects . 4. ZTT (Zhongtian Technology Group) ZTT is a major Chinese manufacturer with expertise in optical fibers, cables, and integrated solutions. They have experience in international projects and offer high-quality prefabricated optical cables for telecom and data center applications . 5. Weichuang Optics Based in Jiangsu, Weichuang Optics specializes in high-quality fiber optic cables, connectors, and customized solutions. Their products are ISO9001:2015 certified and widely used in data centers and telecom networks. They emphasize easy installation, low insertion loss, and high reliability, which is advantageous for Africa-China cooperation projects . 6. FCJ OPTO TECH Founded in 1985, FCJ OPTO TECH manufactures optical fibers, cables, and components with full quality control from preform to finished product. They are a designated supplier for national telecom operators and have extensive experience in international exports, making them suitable for large-scale prefabricated cable projects . 7. YOA Cables Although based in Africa, YOA Cables collaborates with Chinese suppliers and provides advanced optical fiber solutions tailored for the African market. Their Fast Fusion Technology (FFT) simplifies installation and reduces damage risk, which is particularly useful for cross-continental projects .

Considerations for China-Africa Projects

- Compliance with international standards ensures reliability over long distances.
- Submarine and armored cable options are critical for undersea or harsh-terrain deployments.
- Customization and prefabrication reduce installation complexity and time.
- Export experience and local support in Africa can facilitate smoother project execution. These manufacturers collectively offer a combination of high production capacity, international experience, and technical innovation, making them suitable partners for China-Africa optical cable cooperation projects.

Article Content

What are some manufacturers of prefabricated optical cables for

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