Uganda Single-Mode Fiber Optic Transceiver Manufacturer



Overview

Fiber Technologies Uganda Limited was founded to provide comprehensive Fiber Optics Consultancy, Training plus Deployment and construction management to the public and private sector.

Key Takeaways

Uganda currently relies on local distributors and service providers for single-mode fiber optic transceivers, with Fiber Technologies Uganda Ltd offering deployment and training services, while transceivers are sourced from international manufacturers.

Local Service Providers

Fiber Technologies Uganda Ltd is a leading company in Uganda providing fiber optics consultancy, training, and deployment services. They collaborate with international partners like FIBERDK and manufacturers such as OFS to support the design, installation, and maintenance of fiber networks. While they do not manufacture transceivers locally, they facilitate access to high-quality fiber optic components and provide technical training for certified fiber optic technicians.

Other companies in Uganda involved in fiber optics include Simplifi Networks, Soliton Telmec Limited, and Huigoo Optic Co. Ltd, which offer installation, maintenance, and supply of optical components. These companies can assist in sourcing single-mode transceivers and integrating them into local networks.



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Available Single-

Mode Fiber Optic TransceiversSingle-mode fiber optic transceivers are widely available through distributors and online platforms. Examples include: SFP Optical Transceivers: Hot-swappable modules for 100/155 Mbit/s links, compatible with SC connectors, operating at 1310 nm FP or 1550 nm DFB lasers, supporting distances up to 80 km. Ruijie MINI-GBIC-LX-SM1310: A 1G SFP transceiver for long-range single-mode fiber communication up to 10 km, compliant with IEEE 802.

3z 1000BASE-LX standards, suitable for enterprise networks and data centers. These transceivers are typically imported from manufacturers in China or other countries and distributed locally through B2B platforms or networking suppliers.

Sourcing Options

For organizations in Uganda seeking single-mode fiber optic transceivers: Local distributors and B2B platforms: TradeKey and other verified suppliers provide bulk orders and customization options. International manufacturers: Companies like Oplinkbay and Ruijie offer a wide range of optical transceivers compatible with single-mode fiber networks. Consultancy and integration services: Fiber Technologies Uganda Ltd can assist with network design, deployment, and training to ensure proper installation and operation of transceivers.

Summary

While Uganda does not currently have a domestic manufacturer of single-mode fiber optic transceivers, local companies provide deployment, integration, and training services, and transceivers are sourced from international manufacturers through distributors and B2B platforms. Organizations can combine local expertise with imported components to build efficient and reliable fiber optic networks.

Article Content

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Fiber Optics in Uganda

We found 11 businesses in Uganda which have fiber optics listed among their services. Please read through the company profiles below to find more information about the best Ugandan fiber optics

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Diverse Product Range : We''ve got lots of different Fluke Networks Fiber Optic products for all sorts of industries and needs. We specialize in after sales services, including Spare parts management

Uganda Huawei SFP-10G-ZR100 10Gbps SFP+ 100km Compatible

Featuring low power consumption and high speed, this 10G SFP+ transceiver is ideal for data centers, 10G Ethernet, Fiber Channel, etc. HW SFP-10G-ZR100 is SFP+ MSA Compliant.

Optical Transceiver Module|SFP+ 10G Single Fiber

The SFP+ 10G optical module supports a data transmission rate of 10Gbps, and adopts a small package design with a small footprint, and has been

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