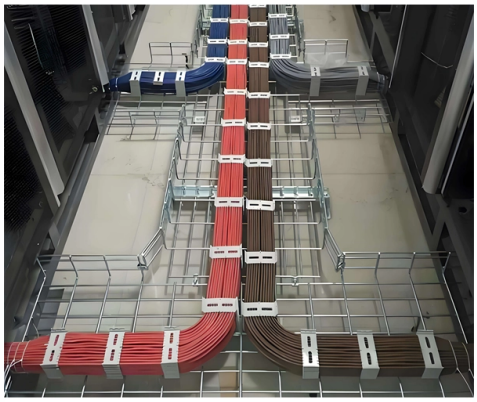
South African Fiber Optic Enterprise Router SFP



Overview

MikroTik Multi-Mode SFP Module As the value-added leading MikroTik Distributor in Southern Africa, MiRO ensures a reliable and steady supply chain of Mikro.

Key Takeaways

High-quality fiber optic SFP modules for enterprise routers are widely available in South Africa through local distributors and manufacturers, supporting 1G–10G speeds, multi-mode and single-mode fibers.

Local Manufacturers and OEM Options

Star Computer Limited, based in Johannesburg, is a South African manufacturer specializing in fiber optic transceivers, including SFP, GBIC, SFP+, XFP, and DWDM/CWDM modules. They produce standard and high-speed 10G, 40G, and higher-rate transceivers, adhering to IEC, Bellcore, and Telcordia standards, making them suitable for enterprise networking and telecommunications applications. Their production capacity exceeds 2 million units per year, ensuring reliable supply for large-scale deployments.

Distributors and ResellersMikroTik SFP Modules are available through MiRO Distribution, a leading distributor in Southern Africa. Modules like the S+85DLC03D 10G SFP+ support short-range multimode fiber at 850 nm, with distances up to 300 meters, and are compatible with various MikroTik routers and switches. MiRO provides pre-sales consultation, certified training, and after-sales support, with branches in Centurion, Cape Town, Durban, and Nelspruit.

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Switchcom Distribution offers a wide range of SFP modules, including multi-mode and single-mode options from 1G to 10G. Their modules are compatible with standard SFP ports on enterprise routers and switches, allowing flexible upgrades and fiber type changes. Fibracoms partners with ISPs and OEMs in South Africa, providing intelligent SFPs and multi-OEM coded optics (1–100 Gbps), including GPON and legacy modules.

Their products are quality-controlled in Canada and come with a 3-year exchange warranty, ensuring reliability for enterprise networks.

Sim

Net specializes in fast distribution of pluggable SFP optics, including SFP, SFP+, and QSFP modules. They offer in-house testing, access to hard-to-find vendor codes, and refurbished Cisco solutions, making them a resourceful option for enterprise router SFP needs.

Key Considerations

Compatibility: Ensure the SFP module matches the router's supported speeds (1G, 10G, etc.) and fiber type (multi-mode or single-mode). Distance and Wavelength: Short-range multimode modules typically operate at 850 nm, while single-mode modules can reach longer distances at 1310 nm or 1550 nm. Warranty and Support: Local distributors like Fibracoms and MiRO provide warranties and technical support, which is critical for enterprise deployments.

OE

M vs Third-Party: OEM modules guarantee full compatibility, while high-quality third-party modules from local manufacturers like Star Computer Limited can offer cost-effective alternatives without compromising performance. South African enterprises have access to a robust ecosystem of OEM and high-quality third-party SFP modules, ensuring reliable fiber optic connectivity for routers and switches across various network scales.

Article Content

MikroTik Multi-Mode SFP Module

As the value-added leading MikroTik Distributor in Southern Africa, MiRO ensures a reliable and steady supply chain of MikroTik products, coupled with pre-sales consultation, internationally certified

MikroTik Single-Mode SFP+ Module

Suited for data centres, ISPs, and high-bandwidth network infrastructure, the module features LC duplex connectors and complies with SFP+ MSA and IEEE 802.3ae standards. Its hot-swappable design

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Our secure connectivity transmission and backbone fibre infrastructure are available for lease to the public sector, mobile telecommunication operators, fibre network operators, and internet service

Fibre SFP Modules | View Products | Switchcom Distribution

If the fiber is upgraded, the SFP module is replaced. Switchcom Distribution offers a wide range of SFP modules, including both Multi Mode and Single Mode from 1G to 10G.

Scoop: Fibre SFP Switches, modules and cables – Mr

Mr Satellite, a South African Retail Online Store that sells Network and Electrical products such as: Routers, Switches, Access Points, CAT Cable, Electrical plugs

Fiber: SFP modules, Switches & Termination

Fibre optic (optical fibre) refers to the medium and the technology associated with the transmission of information as light impulses along a glass, plastic wire or fibre.

SFP Transceivers – Southern Elements

ADDRESS Johannesburg Unit 5 - Wynberg Works, 40 5th Street, Wynberg, Johannesburg, 2090, South Africa Cape Town Unit 11 – Plantation Center, 40 Plantation Rd, Ottery, Cape Town, 7808 EMAIL

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Third-Party Optical Transceivers Market by Form Factor, Connector

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Third-Party Optical Transceivers Market by Form Factor, Connector Type, Fiber Mode, Protocol Family, Fiber Count, Application, End User - Global Forecast 2026-2032 - The Third-Party

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Shifts in the Active Optical Cable Market from 2020 to 2024 and Future Trends 2025 to 2035. From 2020 to 2024, the Active Optical Cable (AOC) Market has witnessed sustained growth

MikroTik Multi-Mode SFP Module

MikroTik Multi-mode SFP Module To complement our SFP cage equipped devices, we are now offering several SFP optical fibre transceivers that are compatible and tested with our products. Several

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HPE Network Transceiver Module Fiber Optic 10000 Mbit/s SFP+ J9151E Hewlett Packard Enterprise J9151E. SFP transceiver type: Fiber optic, Maximum data transfer rate: 10000 Mbit/s, Interface type:

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Contact Us How we can help you SFPs (Small Form-factor Pluggable) are small transceivers that plugs into the SFP port of a network switch and connects to Fibre Channel and Gigabit Ethernet (GbE)

Hot-Pluggable Optical Modules Market: $15B by 2025, 12% CAGR

The Hot-Pluggable Optical Modules market is projected to reach $15 billion by 2025, expanding at 12% CAGR. Growth is driven by cloud services, data centers, and AI infrastructure.

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