

New Active Optical Module from South Africa



Overview

The Zinwave Unitivity 5000 Optical Module forms a core part of Zinwave's advanced distributed antenna system (DAS), enabling seamless in-building wireless coverage across multiple frequencies. With support for up to 8 modules per primary hub and optimized fibre connectivity using SC/APC duplex. Yangtze Optics Africa (YOA) Cable today announced the expansion of its 14 000 square metre fibre optics manufacturing plant at Dube TradePort special economic zone in Durban after making a R160 million investment in the facility. The company's total investment now stands at over R320 million. The South Africa Active Optical Cable Market is expanding steadily driven by rising demand from high-performance data center interconnect applications and growing adoption of high-bandwidth networking infrastructure across cloud computing and enterprise facilities. Growing preference for. YOA Cable, Africa's largest optical fibre cable manufacturer, is known for delivering world-class optical fibre products and exceptional customer service. The. The South African Government has welcomed a major investment in the country's digital infrastructure, with the announcement of a R160 million expansion of the Yangtze Optics Africa Cable optical fibre manufacturing facility at Dube Trade Port, in Durban, KwaZulu-Natal.

Article Content

YOA Cable invests R160m to expand Durban fibre plant

This is the first locally produced polyethylene product used in the manufacturing of optical fibre cable in South Africa, in more than 20 years.

Optical Sensor Modules – Mouser South Africa

Optical Sensor Modules are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Optical Sensor Modules.

Fibre Optic Transmitters, Receivers, Transceivers – Mouser South Africa

Fibre Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Fibre Optic Transmitters, Receivers, Transceivers.

News | Optical Components | Products | KYOCERA South Africa

10 March 2026 Kyocera develops pluggable optoelectronic module supporting PCIe® 6.0, contributing to high-speed, power-efficient AI data centres Corporate Optical Components Semiconductor

(PDF) Design, Manufacture and Assembly of 3D

The fabrication and assembly of 3D optical modules based on active interposer-integrated edge couplers and TSV are realized in this paper.

Optical Components

Kyocera has been developing onboard-type optoelectronic modules that support PCIe® 5.0 and convert electrical signals from CPUs, GPUs, and other components into optical signals.

Networking, ICT and Telecommunication Distributor | Scoop

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

South Africa Optical Transceivers Market Overview, 2031

South Africa Optical Transceivers market is projected to grow above 12.33% CAGR from 2026 to 2031, fueled by telecom network expansion.

Government Welcomes R160 Million Investment in Optical Fibre Cable ...

The new 14,000 sqm facility, Africa's largest optical fibre cable manufacturing plant, will allow for a significant increase in production capacity and scalability of high-quality optical fibre

Zinwave Unitivity 5000 Optical Module

The Zinwave Unitivity 5000 Optical Module is used to transmit and receive optical signals in a Distributed Antenna System (DAS), providing multi-band wireless signal coverage within large buildings.

Transceiver modules 1gb, 10gb, 40gb & 100gb

Netshield SFP, SFP+, QSFP & QSFP28 Transceiver Modules With the growth in cloud applications, digital solutions and IoT, the demand for high quality data networks continues to flourish.

Ubiquiti UniFi

With enhanced latency, noise immunity, and scalability, airMAX AC technology supports high data rates and long-distance, fast-to-deploy connections, making it perfect for last-mile deployments, especially

Thin film solar module pilot production facility in South Africa

Photovoltaic Technology Intellectual Property (PTiP) recently commissioned a pilot production line for the manufacturing of CIGS thin-film solar modules in the Western Cape, South

Transceiver modules SFP+ 10GB

With the growth in cloud applications, digital solutions and IoT, the demand for high quality data networks continues to flourish. The costs however remain crippling when looking to scale out

South Africa Active Optical Cable Market Size and Forecasts 2032

Growing preference for lightweight, low-power, and high-bandwidth cable assemblies is accelerating active optical cable adoption across hyperscale data center and AI computing cluster

News | Optical Components | Products | KYOCERA South Africa

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Active Equipment

Active Equipment and Transmission Solutions Dartcom is a distributor of various active equipment solutions such as fibre monitoring solutions, transceivers,

Smartoptics and First Distribution Partner to Deliver High-Bandwidth ...

Under this partnership, First Distribution will distribute Smartoptics' products throughout the African continent. As part of the agreement, Smartoptics will manufacture the optical

Fiber Optic Transceiver Modules | Optoelectronics | DigiKey

Shop DigiKey's large in-stock selection of Fiber Optic Transceiver Modules. View inventory, pricing and order now for same day shipping!

Optics | Horne Technologies South Africa

Drawing on decades of expertise in lasers and optics, the company offers a comprehensive product portfolio. This includes high-quality optical components,

Africa's YOA Cable Expansion Brings More Jobs, More

Through collaboration with strategic partners, YOA Cable has successfully introduced South Africa's first locally produced polyethylene for

Huawei collaborates with BBI in Building an Intelligent All-Optical ...

South Africa's national broadband infrastructure company Broadband Infraco (BBI) has partnered with Huawei to build a national intelligent all-optical backbone network.

Blackmagic Design 6G BD SFP Optical Module

The Blackmagic Design 6G BD SFP Optical Module Adapter is a spare host adapter for the ATEM Studio Converter, ATEM Talkback Converter and Blackmagic

YOA launches larger optical fibre cable factory at Dube

Fibre-optic cable manufacturer Yangtze Optics Africa (YOA) Cable officially opened its new 14 000 m² optical fibre factory in the Dube TradePort, in

YOA Cable expands optical fiber manufacturing in South

JOHANNESBURG, March 12 (Xinhua) — Fiber cable manufacturer Yangtze Optics Africa (YOA) Cable has invested an additional 160 million South African rands

South Africa: ZTE to provide 10GB optical networks across SA cities

Read all about "South Africa: ZTE to provide 10GB optical networks across SA cities" and get the latest news & updates from Extensia.

Zinwave Unitivity 5000 Optical Module

Unitivity 5000 Optical Module: Enhance connectivity with our fibre transport link system. Optical Modules provide a duplex fibre connection from the Primary Hub to a Secondary Hub or Remote Unit.

Contact Us

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