

Saudi Arabia ODM Optical Router 800G



Overview

The high-performance 800G/channel optical module, empowered by a built-in high baud bandwidth modulator and super 16QAM modulation with a Channel-Matched Shaping (CMS) 2.0 algorithm, established connection over 1,000 kilometers in a live Colorless-Directionless-Contentionless. [Riyadh, Saudi Arabia, March 28, 2024] stc Group, the leading operator in the Kingdom of Saudi Arabia, partnered with Huawei to complete the MENA region's first-ever long-haul 800G/channel trial in its live optical network. This successful trial, spanning over 1,000 kilometers. Saudi Arabia 800g And 1.6 T Optical Transceivers Market Global Outlook, Country Deep-Dives & Strategic Opportunities (2024-2033) Market size (2024): USD 1.2 billion · Forecast (2033): 3.3% Emerging Opportunities Across the Industry The Saudi Arabia optical transceivers. We provide custom 800G optical transceiver solutions to meet your exact network demands. This successful trial proves that the 800G solution is ready for deployment across Saudi Arabia, increasing data throughput, extending network distances, and. Developments in three distinct areas are needed for 800G deployment: optical modules and direct attach copper (DAC) cables, switch ASICs, and 800GE standardization. Not all these need to be fully delivered for data center operators to benefit from 800G upgrades.

Article Content

Feb 10, 2026

Archer BE800 | BE19000 Tri-Band Wi-Fi 7 Router | TP

Archer BE800 is an innovative WiFi router with a brand-new design. Up to 19 Gbps tri-band Wi-Fi enables your devices to run at full speed. Equipped with two 10G

May 03, 2026

800G Optical Transceiver OEM & ODM | Custom Transceiver

How does the OEM/ODM process work for 800G Optical transceivers? Our process involves initial consultation, design and prototyping, rigorous testing, and mass production, ensuring that the final

Sep 02, 2025

Mobily launches the Middle East's first commercial single ...

Mobily, the Saudi-based telecommunications services provider, announced that it has successfully launched the Middle East's first commercial single-wavelength 800G in the Kingdom in

Jul 01, 2025

Unlocking Fiber's Potential in the Middle East with Modern Wi-Fi Routers

Several countries in the Middle East, including Bahrain, Jordan, Qatar, Saudi Arabia, and the U.A.E., are leaders in fiber deployment and adoption. The introduction of gigabit packages and

Dec 24, 2025

NETGEAR Routers Buy, Best Price in Saudi Arabia, Riyadh, Jeddah,

NETGEAR Routers Buy Online with Best Price. Express delivery to Saudi Arabia, Riyadh, Jeddah, Medina, Dammam, Mecca

Sep 30, 2025

800G Client Optics in the Data Center

Developments in three distinct areas are needed for 800G deployment: optical modules and direct attach copper (DAC) cables, switch ASICs, and 800GE standardization. Not all these need to be fully

Sep 12, 2025

Saudi Arabia 800g And 1.6 T Optical Transceivers Market ...

Looking ahead, the Saudi optical transceivers market is poised for sustained growth driven by technological advancements and evolving demand patterns.

Sep 23, 2025

Fiber Optic Equipment FTTH OLT Suppliers in Riyadh, Saudi Arabia

Fiber Optic Equipment FTTH OLT (Optical Line Terminal) is a crucial piece of equipment used in Fiber-to-the-Home (FTTH) networks. FTTH networks deliver internet access directly to homes and

Oct 02, 2025

Home Internet in Saudi Arabia 2026: Fiber vs 5G

Compare home internet packages in Saudi Arabia 2026. Fiber & 5G plans from STC, Mobily, Zain, Go & Salam.

Jan 24, 2026

stc and Huawei full MENA area's first-ever long-haul 800G dwell ...

VIEWPOINT [Riyadh, Saudi Arabia, March 28, 2024] stc Group, the main operator within the Kingdom of Saudi Arabia, partnered with Huawei to finish the MENA area's first-ever long-haul

Apr 19, 2026

Fiber Optic supplier Saudi Arabia | Riyadh, Jeddah, Dammam, Al

Convenient Supply Solutions for Fiber Optic Products for resellers and dealers based in Saudi Arabia serving Riyadh, Jeddah, Dammam, Al Hufuf, Al Jubayl, Yanbu, Khobar, Jizan and more.

Apr 24, 2026

stc and Huawei Completed the MENA Region's First

This successful live network trial with connection over 1,000 kilometers, from Riyadh to Makkah, of state-of-the-art processing and transporting capacity proves the

Jul 22, 2025

Leading IT Distributor & supplier in Riyadh, Saudi Arabia

Azra IT Systems Azra IT Systems is a distributor and supplier of a wide range of IT hardware, electrical cables and IP telecom technology throughout the Saudi

Sep 13, 2025

Fiber Optic Cable

Fiber Optic Cable Fiber Optic cable Suppliers in Riyadh Saudi Arabia Atlanta Network is the leading Fiber optic Cables supplier in Riyadh Saudi Arabia. We do

Oct 30, 2025

Buy Huawei 4G Prime Router in Saudi Arabia. Huawei 4G Prime Router ...

Buy Huawei 4G Prime Router from Sharaf DG Online at Best Prices in KSA. Check Huawei 4G Prime Router prices, ratings, reviews, specifications, comparison, features and Images

Nov 30, 2025

Mobily launches the Middle East's first commercial single ...

Mobily is proud to have one of the world's most advanced networks using industry-leading technology to deliver superior network services for our customers across Saudi Arabia. With

Jul 07, 2025

stc and Huawei Completed the MENA Region's First

stc Group, the leading operator in the Kingdom of Saudi Arabia, partnered with Huawei to complete the MENA region's first-ever long-haul

Apr 18, 2026

News | stc and Huawei Complete MENA Region's First-Ever Long-Haul 800G ...

Huawei announced that it has partnered with stc Group to complete the MENA region's first-ever long-haul 800G/channel trial in its live optical network. This successful live network trial with connection

Jan 22, 2026

800G Optical Networks | The Future of High-Capacity Connectivity

800G DWDM technology is the next evolution in high-capacity fiber optic networks, offering lower cost per bit, increased bandwidth capacity, lower latency, spectral efficiency, L-band spectrum utilization

Sep 27, 2025

Beyond Boundaries: Explain the 800G Transceivers and

The advent of 800G transceivers represents a significant milestone in optical communication technology. With their remarkable speed, enhanced

Jun 05, 2026

stc Group and Huawei Achieve Milestone in Optical

This successful trial, spanning over 1,000 kilometers from Riyadh to Makkah, marks a significant advancement in optical network technology,

Apr 24, 2026

Planters Broadband Selects Ribbon Communications Inc. To Launch

Ribbon Communications Inc. announced that Planters Broadband has selected Ribbon's Apollo 9608 optical networking platform and Muse multilayer automation platform to light a new high

Feb 16, 2026

Mikrotik HAP AX Lite Router, 800 MHz Frequency, 802.11b/g/n/ax

Mikrotik HAP AX Lite Router, 800 MHz Frequency, 802.11b/g/n/ax Wireles Buy Online with Best Price. Express delivery to Saudi Arabia, Riyadh, Jeddah, Medina, Dammam, Mecca

Dec 11, 2025

STC Successfully Demonstrates 800G Live Network

Saudi Arabia's STC Group in collaboration with Huawei has successfully completed the MENA region's inaugural long-haul 800G per channel

Oct 21, 2025

Stc Completes Long-Haul 800G Live Network Trial

Saudi Arabia's STC Group has partnered with Huawei to complete the MENA region's first-ever long-haul 800G per channel trial in a live optical network.

Oct 27, 2025

ODM OTDR 800

The OTDR 800 provides test technicians and contractors with an all-in-one solution for testing optical reflection and loss in fiber. One of the smallest and lightest

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://elagage-lorrain.fr>

Email: sales@elagage-lorrain.fr

Phone: +33 6 47 82 19 35

Address: 15 Rue de la République, 69002 Lyon, France

This document is for informational purposes only. Specifications subject to change without notice.

