

Bahrain High-Speed Optical Module



Overview

The LS-BL55312G-20C SFP transceivers are high performance, cost effective modules supporting data rate of 2.5Gbps and 20km transmission distance with SMF. The transceiver consists of three sections: a DFB laser transmitter, a PIN photodiode integrated with a trans-impedance. Enhance your long-distance 10G network links with the Huawei SFP+ 10G Single-mode Optical Transceiver 1550nm 40 km LC | OSX040N01. Key. LINK-PP LS-BL55312G-20C 2. Short-Range Transmission: Capable of transmitting data over distances up to 300 meters on OM3 MMF and up to 400 meters on OM4 MMF, suitable for data centers and enterprise networks. In the AI era, Huawei provides a full range of GE to 800GE optical modules, featuring three major capabilities: Spanning (ultra-long transmission), Stable (ultra-high reliability), and Secure (ultra-solid security). Together, they ensure resilient data center interconnectivity and empower. HITRONIC® fibre optic cables are designed to transfer large volumes of data.



Article Content

Datacom Optical Component Revenue Surpasses \$19B in 2025

Additional Details from the 4Q25 Optical Components Report: Quarterly datacom revenue was up 87% year-over-year. For the year, Innolight led datacom revenue with more than \$5 billion,

Hitronic Optical Transmission Systems in Bahrain

Discover Hitronic optical transmission systems for high-speed, reliable data transfer solutions at Comet Arabian Bahrain.

Alliance Networks Enhances connectivity in the Gulf region through

As part of the initial phase, Alliance Networks will leverage GCCIA's terrestrial fiber optic system, which enables connectivity to all Gulf Cooperation Council (GCC) countries, encompassing

Connecting Bahrain with Ultra-fast Fiber | BNET -

BNET - Bahrain Network aims to enable a technologically-advanced digital infrastructure, connecting the Kingdom through ultra-fast fiber broadband.

Bahrain Optical Fiber Components Market (2025-2031) | Trends

Bahrain Optical Fiber Components Market Overview The optical fiber components market in Bahrain is experiencing growth as the demand for high-speed internet and telecommunication services

Infonass W.L.L. Bahrain chooses Nokia for passive

Nokia says it has won a contract from Infonass W.L.L. Bahrain, which provides infrastructure and applications services to business customers, to supply

Tata, BIX to Offer Very Low Latency High Speed

Tata Communications and Bahrain Internet Exchange (BIX), its exclusive cable landing partner in Bahrain, have extended their partnership to

Lightning-speed fiber for a fast-paced life

Lightning-speed fiber for a fast-paced life Why stc fiber? The perks Unbeatable experience and speed Both contract and no-contract plans available Unlimited

Guide to Getting the Fastest Internet in Bahrain

Discover everything you need to know about fiber internet in Bahrain. Learn about BNET, installation steps, and the best plans for homes and businesses.

How Bahrain Network (BNET) Accelerates Innovation in

Learn how Bahrain Network has impacted broadband in Bahrain, improving national fiber speeds by 3.75x over the last three years.

Huawei SFP+ 10G Single-mode Optical Transceiver 1550nm 40km LC ...

Enhance your long-distance 10G network links with the Huawei SFP+ 10G Single-mode Optical Transceiver 1550nm 40 km LC | OSX040N01. Built for high-speed optical connectivity, this module

Batelco Continues its Fiber Optic Network Expansion and Enhances

****Automatic Upgrades to Higher Download up to 150Mbps, Uploads and Throttling Speeds**** Batelco, the Kingdom's leading Broadband services provider is continuously expanding its

H3C SFP+ Module (1310nm,10km,LC)

Description for H3C SFP+ Module (1310nm,10km,LC) The H3C SFP-XG-LX-SM1310 is a 10GBASE-LR SFP+ transceiver module designed for high-performance, long-distance data transmission over

Nokia to provide Optical LAN to Infonas W.L.L. Bahrain

Rafik Shafik Abdelmessih, CTO of Infonas W.L.L. Bahrain, said : “We needed a long-term, fully scalable and cost-efficient solution to provide our business customers access to high-speed

How Bahrain Network (BNET) Accelerates Innovation in the ...

The widespread availability of high-speed broadband services and healthy competition among internet service providers (ISPs) are crucial drivers of national digital transformation. The

Zopsc Optical Module SFP-2.5G-LX20-SM1310 20KM Bahrain | Ubuy

Shop Zopsc Optical Module SFP-2.5G-LX20-SM1310 at Ubuy Bahrain. High-speed transmission, 20KM range, single-mode, dual fiber. Perfect for Cloud Computing, Data Center, VR, and more.

Datacom Optical Component Revenue Surpasses \$19B in 2025

Over 42 million high speed (400G+) datacom modules shipped in 2025, up more than 80% over 2024, split between 400GbE and 800GbE. 800GbE shipments were the growth driver, and

BNET Commences Migration of Old Copper Lines to

The project includes migrating 100% of existing copper customers to fiber optic services, which will increase fiber penetration by approximately 15%

Batelco Unveils Enhanced Fibre Speed Plans to Boost

Batelco, part of Beyon, has launched new fibre speed plans, offering internet speeds ranging from 300Mbps to 2Gbps. As part of this upgrade, the

Bahrain LS-MM852G-S3C SFP 2.5GBASE-SX 850nm 300m DOM

LINK-PP LS-MM852G-S3C SFP 2.5GBASE-SX Duplex LC/UPC Optical Transceiver Module (MMF, 850nm, 300m, LC, DOM) The LS-MM852G-S3C SFP transceivers are high performance, cost

BNET: With a 97.9% fiber optic coverage rate, Bahrain sets a

BNET was established in Bahrain in 2019, at a time when the world was facing the unprecedented challenge of the COVID-19 pandemic. Unlike many organizations that struggled to

In continuing the Kingdom's high-ranking Internet

Manama, Bahrain: Bahrain Network (BNET), the national company responsible for providing fiber-based broadband network in the Kingdom of Bahrain, announced

SMC1GSFP-LX (RoHS) OPTICAL/FIBER TRANSCEIVER Buy, Best

Description for SMC1GSFP-LX (RoHS) OPTICAL/FIBER TRANSCEIVER Optcore's SMC1GSFP-LX-C is a high performance and cost effective optical transceiver designed to meet Gigabit Ethernet and

Zain Bahrain triples fiber speeds

Zain Bahrain, a leading telecommunications and technology provider, has announced a major enhancement to its fiber offerings, tripling internet speeds

Optical Modules in Intelligent Computing Scenarios

Huawei provides a full series of pluggable optical modules. A wide variety of modules give you flexible plug-and-play options for all types of interfaces.

Bahrain Network (BNET) Commences Migration of Old

Manama, Bahrain –Bahrain Network (BNET), the kingdom's leading telecommunications infrastructure provider, announced today the launch of its

Huawei 25G SFP28 SR Multi-mode Optical Transceiver 850nm 0.1km

Upgrade your short-distance high-speed network with Nexcel's Huawei 25G SFP28 SR optical transceiver. Designed for multi-mode fiber, it delivers reliable 25GbE performance over distances up

H3C SFP+ Module (850nm,300m,LC)

The H3C SFP-XG-SX-MM850-E is a 10GBASE-SR SFP+ transceiver module designed for high-speed data transmission over multi-mode fiber (MMF) in short-range applications.

OPSTRAN 10GBASE-SR SFP+ Optical Transceiver Module

Buy OPSTRAN 10GBASE-SR SFP+ Optical Transceiver Module Compatible for Fortinet
FN-TRAN-SFP+SR FS-TRAN-SFP+SR FG-TRAN-SFP+SR 10G SFP+SR 10Gbps 850nm
300m DDM Duplex

Bahrain LS-BL55312G-20C 2.5Gbps 20km Reach 1550nm TX /

The LS-BL55312G-20C SFP transceivers are high performance, cost effective modules supporting data rate of 2.5Gbps and 20km transmission distance with SMF. The transceiver consists of three

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