

Saudi Arabia Single-Fiber Bidirectional Optical Module



Overview

Complete your high-speed, long-distance fiber installation with the UACC-OM-SM-10G-S 10G SFP+ Bidirectional Single-Mode Optical Module from Ubiquiti Networks, provided here in a pack of two. Featuring an LC connector, this simplex transceiver delivers up to 10 Gb/s over distances. BiDi optical modules can do this by utilizing full-duplex communication over a single fiber strand via two wavelengths. FS offers a comprehensive range of 10G BiDi modules tailored for diverse scenarios. The module features a highly reliable 1330nm DFB transmitter and 1270nm. (MEFC) is a Saudi-Japanese (Fujikura) partnership located in Riyadh, Saudi Arabia. MEFC has established itself as the leader in manufacturing fiber optic cables, and solution provider for the telecommunications and industrial sectors in MENA markets. It is suitable for high-speed data transmission of large data in cloud computing, data center, server, high-speed network card, big data storage, RAID disk array, high-speed network, VR, unmanned vehicles.



Article Content

Apr 28, 2026

BIDI-SFP Optical Module Wiki

BIDI-SFP Optical Module: BiDi (Bidirectional) that is: single fiber bidirectional. It is the use of WDM (i.e., wavelength division multiplexing) technology, send and receive different central

Nov 05, 2025

Ubiquiti Networks LC Multi-Mode SFP Optical Module Transceivers,

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May 24, 2026

1G BiDi SFP Module Selection Guide: Maximize Fiber

This is where BiDi (Bidirectional) SFP optical modules become a game-changer, especially the versatile 1G BiDi SFP. By transmitting and

Mar 09, 2026

What Is A Single-Fiber BiDi Transceiver?--ETU-LINK

Single fiber module also called BiDi transceiver or WDM module. It uses WDM technology to realize the bidirectional transmission of optical signals on one

Apr 16, 2026

Fiber Optic Cable

We do have Saudi Arabia STC approved brands in Fiber optic brand with us. We keep complete Fiber Optic Products from 2 Core FTTH cables to 48Core cables

Dec 26, 2025

Introduction to BIDI Optical Module.

What is a BIDI Optical Module? A Bidirectional (BIDI) optical module is a compact, high-performance transceiver used in fiber optic communication

Dec 11, 2025

12G-SDI SFP+ BiDi Optical Modules

FIBERSTAMP 12G-SDI BiDi SFP+ is a series of single-fiber bidirectional transceiver integrated optical modules designed for high-definition video signal optical

Mar 08, 2026

Bidi single fiber bidirectional optical module, all you want

Different from the ordinary optical module (using dual fiber to transmit data, one for transmitting and one for receiving), the optical module using bidi

Dec 11, 2025

Saudi Arabia Single Mode Fiber Optic Transceivers Market ...

The analysis is structured to be adaptable to any Saudi Arabia Single Mode Fiber Optic Transceivers Market while providing actionable, region-specific insights.

Aug 13, 2025

Ruijie MINI-GBIC-SX-MM850 Optical Transceiver Module, Multimode Fiber ...

Ruijie MINI-GBIC-SX-MM850 Optical Transceiver Module, Multimode Fiber Buy Online with Best Price. Express delivery to Saudi Arabia, Riyadh, Jeddah, Medina, Dammam, Mecca

Nov 16, 2025

Ubiquiti Networks Bi-Directional Single-Mode LC SFP

Enjoy reliable bandwidth with your fiber installations with the Bi-Directional Single-Mode LC SFP Transceiver Kit from Ubiquiti Networks. This 2

Oct 05, 2025

Comprehensive Guide to FS 10G BiDi SFP Modules

FS 10G BiDi SFP+ modules are a powerful tool for network engineers seeking to boost bandwidth without doubling fiber investment. With their compact form factor, reduced power draw,

Sep 09, 2025

Ubiquiti 10Gbps Bidirectional Single-Mode Optical

The 10 Gbps Bidirectional Single-Mode Optical Module, model UACC-OM-SM-10G-S-2, manufactured by Ubiquiti, is an advanced optical transceiver designed for

Apr 25, 2026

SFP-1040-WB

Explore the SFP-1040-WB a BiDi single-strand 10G SFP+ module for 40Km. Fiber-saving - buy now for efficient networks!

Aug 30, 2025

BiDi Optical Modules: Unlocking Single-Fiber

BiDi modules deliver a powerful approach to fiber savings and cost reductions through full-duplex communication over a single fiber strand. BiDi

Sep 28, 2025

SFP-1060-WA

Check out the SFP-1060-WA a BiDi single-strand 10G SFP+ module for 60Km. Doubles fiber capacity - buy now for efficient high-speed networks!

Oct 16, 2025

The Difference Between Single/Dual Fiber and

As fiber optic networks continue to evolve, selecting the right optical transceiver becomes increasingly important. Whether you're designing a short

Jun 11, 2026

What is the Difference Between SFP and BiDi SFP?

Compare SFP vs BiDi SFP: key differences, fiber requirements, compatibility, and best use cases to help you choose the right SFP module for

Oct 11, 2025

Ubiquiti 10G Bidirectional Single-Mode Optical Module, 10 Gbps Max

Complete your high-speed, long-distance fiber installation with the UACC-OM-SM-10G-S 10G SFP+ Bidirectional Single-Mode Optical Module from Ubiquiti Networks, provided here in a pack of two.

May 28, 2026

SFP-1100-WB SFP+ 10G BiDirectional Optical Module

The SFP-1100-WB is a BiDirectional single fiber strand 10G SFP+ optical module using Tx:1550nm and Rx:1490nm wavelengths and supporting links up to 100Km

Sep 06, 2025

Single Strand Fiber Module Supplier in Saudi Arabia

It is a hot-pluggable small-form-factor Bi-Directional transceiver designed for use in 10-Gigabit Ethernet links up to 20km over a single-strand Single Mode fiber. The module features a highly reliable

Jun 22, 2026

SFP gE LH80-SM1490-BIDI 80KM Gigabit Single Mode Single Fiber

Overview Highlights Gigabit single mode single fiber, 25G single channel. Meet the SFF-8472 protocol standard. Provide high performance, low power consumption, ensuring stable and fast signal

Sep 20, 2025

1G Bidirectional Single-Mode Optical Module

SFP transceiver that supports 1G connections up to 3 km using single-mode fiber with a simplex LC UPC connector.

Contact Us

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