



# Central Asia Gigabit Single-Fiber Bidirectional Optical Module

Using simplex LC connectors, it transmits and receives over a single fiber strand at 1310 nm and 1490 nm wavelengths, supporting stable gigabit uplinks up to 20 km.

Unlike traditional optical modules that use separate fibers for transmitting and receiving data, BiDi modules accomplish this bidirectional data transfer on a single fiber, optimizing space ...

The 25G BIDI SFP28 transceivers are designed to enable bi-directional 25G serial optical data communications using either 1270nm/1330nm wavelengths. These modules are ideal for use in 25G ...

The ModuleTek 10G/1G BIDI single fiber bidirectional SFP+ series of optical module products support a variety of transmission distances from 10KM to 80KM is characterized by low power consumption, ...

Our optical modules have passed the switch tests of commonly used brands such as Cisco, Huawei, Mikrotik, TP-LINK, H3C, HUAWEI, Ruijie, CISCO, HP, JUNIPER, INTEL, etc., with good ...

We experimentally demonstrate 100 Gb/s bidirectional transmission over 40 km using a multi-wavelength bidirectional optical sub-assembly (BOSA) based on a single bidirectional multi ...

GIGALIGHT's 1G BiDi SFP series optical transceiver modules support a speed of 1.25Gbps, widely used in Gigabit Ethernet, 1G fiber channel, and SDH. They can achieve a maximum transmission distance ...

Comprehensive guide on BiDi Optical modules, detailing single-fiber bidirectional connectivity, deployment tips, troubleshooting, and multi-speed applications for optimized networks.

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

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BiDi (Bidirectional) SFP - Single-fiber SFP modules for FTTH and fiber-efficient networking, allowing both transmit and receive signals to travel over a single optical fiber.



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