



# Single-fiber bidirectional intelligent factory direct sales

Bidirectional transceivers transmit and receive optical signals through a single fiber, saving optical fiber resources. This is useful where fiber resources are scarce and reduces the cost of cabling ...

This category includes all types of multi-rate SFP 155M to 4.25G transceivers over one strand of SMF, BiDirectional operation (two wavelengths on same fiber).

Discover BiDi optical transceivers designed to transmit and receive data over a single fiber, maximizing existing infrastructure. These solutions help increase bandwidth capacity, reduce fiber requirements, ...

BiDi transceiver, a compact optical transceiver with WDM (wavelength division multiplexing) technology and SFP multi-source protocol (MSA) compliance, allows fast data ...

The 10G SFP+ simplex bidirectional module delivers 12.5Gbps data rates over single mode SMF, reducing fiber infrastructure costs by 50% compared to duplex solutions.

OptoSpan Single Fiber Bidirectional SFP (BiDi) transceivers use simplex single-mode fiber to double the bandwidth without the cost. These hot-swappable SFP BiDi transceivers provide data rates of 4G ...

These SFPs use Wavelength Division (WDM) technology, mixing two wavelengths simultaneously. These high-performance transceivers leverage cutting-edge technology to offer a cost-effective ...

SFP transceivers are valued for their flexibility, low power consumption and ability to support both single-mode and multimode fiber, making them ideal for short-range and long-haul optical transport.

BiDi SFPs (also called WDM) use two wavelengths over same fiber halving the fiber optic needs. Such approach leads to significant savings in telecom infrastructure.

RAD's BiDi QSFP adaptor is a passive, small-factor dual to single fiber adapter that can be plugged into existing SFPs, providing immediate savings for 1G, 10G, 100G, and 200G fiber infrastructure. There ...



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