

FIB-SFP-ULSB355325L-CD10

UltraLAN 2.5G SFP BiDi module pair - SM 10km 1310/1510nm

Product Overview

UltraLAN 2.5G SFP BiDi module pair - SM 10km 1310/1510nm, Supports 2.5Gbps Bit rates, Bi-Directional LC Connector, Hot pluggable SFP footprint, Applicable for Max 10km SMF connection



Specifications

Overview Summary:

UltraLAN 2.5G SFP BiDi module pair provides a high-performance and cost-effective solution for South African businesses needing reliable network connectivity. Designed for single-mode fiber up to 10km, these modules support 2.5Gbps data rates and feature hot-pluggable LC connectors for easy installation. Ideal for network expansions or upgrades, they ensure efficient, low-power operation with robust digital diagnostic monitoring. Buy now to enhance your network with dependable, professional-grade transceivers.

These BiDi SFP modules come as a pair, making setup simple and straightforward. With excellent EMI and ESD protection, they maintain stable performance while minimizing interference. Shop now to add this versatile networking solution to your infrastructure.

Performance tier:High-performance

Uses:Network connectivity, data transmission, fiber optic links, enterprise networking, server connections

Overview:

UltraLAN 2.5G SFP BiDi Module Pair - SM 10KM 1310/1510nm

UltraLAN presents the 2.5G SFP BiDi module pair designed for high-performance, cost-efficient fiber optic connections. Ideal for single-mode fiber networks, these modules support data rates up to 2.5Gbps and distances of up to 10 kilometers. Compact and hot-pluggable, they offer reliable Bi-Directional transmission through a single LC connector, making them perfect for network upgrades or expansions without complex cabling changes.

Description:

This UltraLAN SFP BiDi module pair combines advanced laser technology and precise photodiode reception in a single

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Product Specification Sheet

compact unit. Each module includes a FP/DFB laser transmitter, a PIN photodiode with a trans-impedance amplifier, and an MCU control unit, meeting Class I laser safety standards. Designed for energy efficiency, each unit consumes less than 1W while providing digital diagnostic monitoring and strong protection against EMI and ESD. These modules are fully compatible with SFP Multi-Source Agreement (MSA) and SFF-8472 standards.

Features:

High-Speed BiDi Connectivity

- Supports dual data rates up to 2.5Gbps
- Enables long-distance transmission up to 10km over single-mode fiber
- Uses Bi-Directional LC connectors to simplify cabling

Plug-and-Play Design

- Hot pluggable SFP form factor for easy installation
- Compact size fits standard SFP ports without modification

Reliable Performance and Safety

- Low power consumption under 1W
- Integrated digital diagnostic monitor interface
- Excellent protection against electromagnetic interference and electrostatic discharge

Easy Network Integration

- Fully compliant with SFP MSA and SFF-8472 standards
- Sold as a pair to support full BiDi communication
- Ideal for upgrading or expanding network infrastructure with minimal disruption

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/FIB-SFP-ULSB355325L-CD10-UltraLAN-2-5G-SFP-BiDi-module-Buy-p-333815.php>

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