ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Eols optical module



Overview

ZTE 033030100011 And the ZTE 1.25G 850nm MM 550m C-temp SFP Optical Module LTD8512-BC+ EOLS-8512-02-D is factory new with Amazon.com: peyucnmt Optical Modu.

Key Takeaways

EOLS optical modules are small form-factor pluggable (SFP) transceivers designed for fiber optic data communication, supporting various wavelengths, data rates, and fiber types.Overview

EOLS modules are SFP (Small Form-factor Pluggable) optical transceivers used for high-speed data transmission over fiber optic networks. They are designed for Gigabit Ethernet, Fiber Channel, and other serial optical communication protocols. These modules allow hot-plug capability, meaning they can be inserted or removed from network devices without powering down the system .

Types and Specifications
• ZTE EOLS-1312-10-D
• Data Rate: 1.25 Gbps

• Wavelength: 1310 nm

• Fiber Type: Single-mode (SM)

• Distance: Up to 10 km

• Applications: Long-distance optical links in ZTE networking equipment

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• EOLS-8512-02 Series
• Data Rate: 1.25 Gbps

• Wavelength: 850 nm

• Fiber Type: Multi-mode (MM)

• Distance: Up to 550 meters

• Applications: Short-range optical links, Gigabit Ethernet 1000BASE-SX, Fiber Channel FC-PH-2

Key Features
• Hot-pluggable SFP 20-pin connector for easy installation

• Transmitter: Uses VCSEL (Vertical Cavity Surface Emitting Laser) for multi-mode modules or standard laser diodes for single-mode modules

• Receiver: Integrated detector preamplifier with post-amplifier for signal conditioning

• Digital Diagnostics: Monitors transmitted/received power, bias current, supply voltage, and temperature

• Safety Compliance: Class 1 laser, compliant with IEC 60825 standards
Operational Notes
• TX Fault and LOS (Loss of Signal): Open collector outputs that indicate transmitter faults or low received optical power; require pull-up resistors on the host board

• TX Disable: Input to shut down the transmitter; logic levels define on/off states

• Serial ID Interface: 2-wire interface (SDA/SCL) for module identification and diagnostics
Applications

EOLS modules are widely used in enterprise networks, data centers, and telecom infrastructure to provide reliable optical connectivity. Single-mode modules are suited for long-distance links, while multi-mode modules are ideal for short-range connections within buildings or campus networks. In summary, EOLS optical modules provide flexible, high-speed fiber connectivity with diagnostic capabilities, supporting both single-mode and multi-mode fiber applications depending on the model and wavelength .

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Article Content

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Optical Module EOLS-8512-02 1.25G 850nm 550M Gigabit Multi-Mode Dual Fiber SFP Brand: peyucnmt

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The EOLS-8512-02-X series multi-mode transceivers small form factor pluggable module for bi-directional serial optical data

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And the ZTE 1.25G 1310nm SM 10km SFP Optical Module EOLS

EOLS-1303-2M Series

The Module provides diagnostic information about the present operating conditions. The transceiver generates this diagnostic data

Amazon : NBrtyQW Optical Module EOLS-8512-02 1.25G 850nm

Product Summary: NBrtyQW Optical Module EOLS-8512-02 1.25G 850nm 550M Gigabit Multi-Mode Dual Fiber SFP From NBrtyQW

EOPTOLINK Products

EOLP-8596-02 | EOPTOLINK | EOLP-8596-02 850nm SFP+ Multi-Mode 10GBASE-SW/SR 300M Optical Tranceiver Module Price

EOLS-8512-02 Series V4

The EOLS-8512-02-X series multi-mode transceivers are small form factor pluggable module for bi-directional serial optical data

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The EOLS-1524-X series single mode transceiver is small form factor pluggable module for duplex serial optical data communication

1G SFP Optical Transceivers

Eoptolink 1000BASE-T or 100BASE-T or 10/100/1000BASE-T Autonegotiation can be installed into optical

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The EOLS-1503-X series single-mode transceiver is small form factor pluggable module for duplex optical data

DWDM SFP

The EOLS-16xx-xx transceivers are small form factor pluggable modules for bi-directional serial optical data communications such as

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EOLS-1312-10I-RAD 20KM 1.25G 1310nm Fiber Optical Module

EOLS-1312-10I-RAD 20KM 1.25G 1310nm Fiber Optical Module: Amazon : Industrial & Scientific Or fastest

ZTE 033030100016 Datasheet

ZTE 033030100016 Datasheet ZTE 1.25G 1310nm SM 10km SFP Optical Module EOLS-1312-10-D SP-GB-LX-CDFM-ZT

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Product Description The EOLS-BI1X03-20 series is small form factor pluggable module for IEEE 802.3ah 100BASE

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The module consists of 1490nm DFB Laser, APD detector and WDM filter in a high-integrated optical sub-assembly. It transmits

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FCC Ban on New Chinese Optical Modules

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In contrast, the optical transceivers potentially covered by this ban are deployed by all hyperscalers and many

Fiber optic transceiver module

Find out all of the information about the Eoptolink Technology Incorporation product: fiber optic transceiver module EOLS-8548-02.

AI Infrastructure, Secure Networking, and Software Solutions

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original GPON SFP/module/ stick/optical transceiver,

High quality original GPON SFP/module/ stick/optical transceiver, CLASS C++, 7.5DB EOLS-GT-37-D-DM

Cisco Transceiver Modules

End-of-Sale and End-of-Life Announcement for the Cisco DWDM X2 Modules 01/Feb/2016 End-of-Sale and End-of-Life

EOLS-1503-X Series -15 40 80 100 120 160 200 V4

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ZTE 033030100161

Ethernet Passive Optical Networks (GEPON or EPON) is the leading technology being used in FTTx (FTTH) deployments. PON is

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Fiber optic transceiver module

Find out all of the information about the Eoptolink Technology Incorporation product: fiber optic transceiver module EOLS-8503-02D.

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850nm Multi-mode

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Product Description The EOLS-1312-X series single-mode transceivers are small form factor pluggable module for bi-directional

GPON OLT Transceiver Datasheet

GPON_OLT_SFP_B_class_EOLS-GT-25 - Free download as PDF File (.pdf), Text File (.txt) or read online for free. This document

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