

EDR optical module



Overview

The module converts 4 input channels of 25 Gb/s electrical data to 4 channels of LAN WDM optical signals at 4 different wavelengths and then multiplexes these into a single optical transmit signal. It is also qualified for use in InfiniBand EDR end-to-end systems. NVIDIA® Mellanox® LinkX® Optics InfiniBand transceivers are the lowest-cost way to create high-speed fourteen data rate (FDR), enhanced data rate (EDR), high data rate (HDR), and HDR100 optical links with detachable optical connectors for InfiniBand networks and NVIDIA GPU-accelerated. The Cisco® Enhanced Digital Return (EDR) 85 System expands the functionality of Compact Segmentable Nodes by increasing the performance, reach, and efficiency of the reverse path transmissions. The Cisco EDR 85 System includes EDR Compact Segmentable Node A9020x Transmitter modules that install in. FS InfiniBand 100G EDR optical modules and cables solution used for high-bandwidth data transmission, data center and AI computing applications. Trusted by 260K+ Enterprise Users. The transceiver is compliant with the QSFP28 MSA, IEEE 802. 3bm. 100G QSFP28 EDR transceivers for InfiniBand networking, offering 850nm MMF (up to 100m) and 1310nm SMF (up to 2km) connectivity. Leveraging QSFP28 encapsulation and 4×25Gb/s NRZ modulation, it delivers 100Gb/s bandwidth over OM3/OM4 multimode.



Article Content

Hot

100G QSFP28 InfiniBand EDR SR4 850nm 100m MMF

QSFP-100G-SR4H transceiver is a 4-channel, pluggable, QSFP28 optical transceiver designed for use in 100Gb/s EDR InfiniBand systems. This

Apr 16, 2026 Hot

Cisco EDR 85 System: Modules for Cisco GainMaker and GS7000

The Cisco EDR 85 System includes EDR Transmitter modules that install in GainMaker and GS7000 Nodes, and companion Cisco Prisma® high-density (HD) EDR PRX85 Receiver modules that install

Jan 04, 2026 Hot

InfiniBand 100G EDR | InfiniBand Optical Transceivers and Optical ...

FS InfiniBand 100G EDR optical modules and cables solution used for high-bandwidth data transmission, data center and AI computing applications. Click to get your 100G EDR optical

Oct 11, 2025 Hot

EDR vs XDR vs NDR: What Should You Choose?

Not sure whether EDR, XDR, or NDR is right for you? Break down the differences and make a confident security decision.

Sep 26, 2025 Hot

NVIDIA Mellanox LinkX InfiniBand Optical Transceivers

LinkX InfiniBand transceivers support every configuration, reach, and speed and meet or exceed InfiniBand Trade Association (ITBA) standards for FDR, EDR,

Sep 24, 2025 Hot

Mellanox® MMA1L10-CR InfiniBand EDR 100GBase LR4 10km QSFP56 ...

Mellanox® 100Gb/s optical transceiver is designed for use in 100 Gigabit Ethernet links on up to 10km of single mode fiber. It is also qualified

Jun 04, 2026 Hot

NVIDIA/Mellanox MMA1L30-CM Compatible 100G

NVIDIA/Mellanox MMA1L30-CM Compatible 100G CWDM4 QSFP28 1310nm 2km DOM Duplex LC/UPC SMF InfiniBand EDR Optical Transceiver Module for

Oct 14, 2025 Hot

EDR vs. NDR vs. XDR: How to Pick a Detection Response Solution

Learn about the key differences between EDR vs NDR vs XDR and how to choose the best solution for your organization's security needs.

Nov 11, 2025 Hot

100GbE QSFP28 PSM4 Optical Transceiver

This module incorporates state-of-the-art uncooled DFB laser and integrated circuit technology in order to provide high performance. The transceiver operates over 4-lane, parallel, single mode fiber (SMF)

Dec 28, 2025 Hot

Key Standards and Form Factors for Transceivers

Understand the terminology of optical transceivers with our helpful guide to key standards and form factors.

Mar 02, 2026 Hot

Wiley Online Library | Scientific research articles, journals, books ...

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Apr 08, 2026 Hot

Cisco EDR Optical Pluggable Module for 2:1 Tx DWDM-CH37

Shop Cisco EDR Optical Pluggable Module for 2:1 Tx DWDM-CH37 - Elevate your optical network's reliability and efficiency. Free shipping and 15-day return on all orders.

Oct 31, 2025 Hot

Mellanox® MMA1L10-CR InfiniBand EDR 100GBase LR4 10km QSFP56 ...

NVIDIA/Mellanox MMA1L10-CR Compatible 100GBASE-LR4 InfiniBand HPC Optica Transceiver Module (QSFP28, 1310nm, 10km, LC-LC,

Mar 15, 2026 Hot

Cisco Prisma II Quad Optical Input Enhanced Digital Return (EDR ...

It also includes the existing Cisco Prisma high-density (HD) Dual EDR PRX85 Receiver modules. Both the dual and quad optical input EDR receivers install in a Prisma II or Prisma II XD chassis at the

Jun 03, 2026 Hot

100G EDR InfiniBand Archives

QSFP28-100G-CWDM4 Optical Transceiver Module InfiniBand EDR Transceiver Module Mellanox optical module, 100GbE, 100Gb/s, QSFP28, LC-LC, 1310nm, CWDM4, up to 2km for Switch- IB 2

Mar 07, 2026 Hot

100G QSFP28 SR4 | Transceivers

The EDR-Q28-SR4 is a high-performance InfiniBand EDR 100G optical transceiver designed for ultra-low-latency interconnects in HPC, AI/ML training clusters, and hyperscale data centers.

Dec 15, 2025 Hot

FCBN425QB2Cxx 100G Quadwire® EDR QSFP28 Active Optical

The Quadwire EDR mechanical specifications are compliant with the QSFP28 transceiver module specifications (as defined in SFF-8661), substituting the MPO12 receptacle with a fiber optics cable

Feb 20, 2026 Hot

Generic QSFPDD-400G-EDR4 Compatible 400Gbps PAM4 QSFP

Dawnray's QSFPDD-400G-EDR4 optical transceiver is a parallel 400Gbps Quad Small Form-factor Pluggable - Double Density QSFP-DD module for use in 400GBASE Ethernet network. QSFP-DD

Aug 09, 2025 Hot

Cisco Enhanced Digital Return 85 System: Modules for

The transmitter and receiver use Small Form Factor Pluggable (SFP) optical pluggable modules (OPMs) for enhanced flexibility. The Cisco EDR 85

Oct 26, 2025 Hot

CISCO PRISMA II EDR INSTALLATION MANUAL Pdf Download

SC/APC optical output connector on front panel Plug-and-play capability Parametric monitoring via companion Prisma II EDR Receiver module Blind-mate radio frequency (RF) connections on module

Feb 01, 2026 Hot

NVIDIA/Mellanox MMA1B00-E100 Compatible 100G

NVIDIA/Mellanox MMA1B00-E100 Compatible QSFP28 100G SR4 Infiniband EDR Optical Transceiver (MMF, 850nm, 100m, MPO-12/UPC, DOM) The

Jun 04, 2026 Hot

NDR vs. XDR vs. EDR: what are the differences

NDR, EDR, and XDR are three cybersecurity technologies that, when combined, provide a comprehensive defense against cyberattacks.

Feb 03, 2026 Hot

Cisco EDR Optical Pluggable Module for 2:1 Tx DWDM-CH31

Shop Cisco EDR Optical Pluggable Module CH31 - Maximize DWDM performance with ease. Free shipping and 15-day return on all orders.

Aug 02, 2025 Hot

Security Appliance Moxa EDR-810 Router/Firewall/VPN/NAT

The MOXA EDR-810 is an industrial all-in-one Router/Firewall/VPN/NAT which provides network traffic management and security functionality for one WAN and one LAN (VLAN, Bridge).

Oct 12, 2025 Hot

100G QSFP28 EDR Optical Module Transceiver for InfiniBand

100G QSFP28 EDR transceivers for InfiniBand networking, offering 850nm MMF (up to 100m) and 1310nm SMF (up to 2km) connectivity.

Aug 09, 2025 Hot

QSFP28-100G-CWDM4 Optical Transceiver Module InfiniBand EDR

TARLUZ QSFP28-100G-CWDM4 optical transceivers are high-performance, pluggable, four-channel QSFP28 optical modules designed for linkage of 100Gbps Ethernet up to 2 km via a single mode fiber.

Jan 29, 2026 Hot

NVIDIA/Mellanox MMA1L10-CR Compatible 100G LR4

The module converts 4 input channels of 25 Gb/s electrical data to 4 channels of LAN WDM optical signals at 4 different wavelengths and then multiplexes these

Apr 27, 2026 Hot

Cisco Enhanced Digital Reverse (EDR) 85 System

The transmitter and receiver use SFP (Small Form Factor Pluggable) style optical pluggable modules (OPMs) for enhanced flexibility. The Cisco EDR 85 System operates over the 5 - 85 MHz range and

Mar 16, 2026 Hot

100G EDR InfiniBand_3Coptics

3Coptics 100Gb EDR optical module adopts QSFP28 package, with LC duplex or MTP/M.....

Jul 21, 2025 Hot

NVIDIA/Mellanox MMA1L10-CR Compatible 100G LR4

The module converts 4 input channels of 25 Gb/s electrical data to 4 channels of

Aug 20, 2025

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://eedenmarketing.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

This document is for informational purposes only. Specifications subject to change without notice.

