

MXPD Optical Module Classification



Overview

Optical module classification By package: 1*9, GBIC, SFF, SFP, XFP, SFP+, X2, XENPARK, 300pin, etc. By rate: 155M, 622M, 1. 25G, 10G, 40G, etc. By mode: single-mode fiber (yellow), multi-mode. You can use different levels of 1. 25 Gbit/s SFP/eSFP optical modules with GE interfaces and 10 GE interfaces. Figure 1-97. QSFP28 (Quad Small Form-factor Pluggable 28) Optical Module: Interface package size identical to QSFP+, supporting both 100G QSFP28 and 40G QSFP+ optical modules. The. It allows real time access to the transceiver operating parameters such as transceiver temperature, laser bias current, transmitted optical power, received optical power and transceiver supply voltage by reading a built-in memory with I2C interface. By wavelength: conventional wavelength, CWDM, DWDM, etc. They are widely used in data centers, telecommunications networks, and industrial communication systems.



Article Content

Jul 18, 2026

Comprehensive Guide to Optical Transceiver Classifications and ...

Understanding their classifications and types is essential for selecting the appropriate module for specific networking requirements. This guide covers the most common classification ...

Feb 15, 2026

1250Mbps SFP Transceiver

The MXPDP-245MD series transceiver is high performance, cost effective module that supports data-rate of 1250Mbps and transmission distance from to 40km. The transceiver meets the Small Form ...

May 04, 2026

MXPDP-243S Datasheet, PDF

MXPDP-243S Datasheet. Part #: MXPDP-243S-C. Datasheet: 322Kb/9P. Manufacturer: ATGBICS by Approved Technology. Description: MXPDP-243S Huawei Compatible Transceiver SFP 1000Base-LX ...

Mar 13, 2026

Optical Module Classification and Common After-Sales ...

Explore the classification of optical modules based on transmission rate, package ...

Feb 12, 2026

HG MXPDP-243MD Datasheet

MXPDP-243MD General Information Manufacturer: HG Genuine (HGTECH) MPN: MXPDP-243MD Transceiver Type: 1000 BASE_LX_SFP

Jul 01, 2026

Classification and basic principles of optical modules

According to the transmission mode of light in the optical fiber, the optical fiber can be divided into two types: single-mode optical fiber and multi-mode optical fiber.

Feb 08, 2026

Comprehensive Guide to Optical Transceiver ...

Understanding their classifications and types is essential for selecting the appropriate module for specific networking requirements. This guide covers ...

Apr 19, 2026

Huawei MXPDP-243S 1.25G SFP 1310nm 10km| Liyuan Tech

Brand: HUAWEI. Part Number: MXPDP-243S. Form Factor: SFP. Distance: 10km. Wavelength: 1310nm. In addition to MXPDP-243S, Liyuan Tech has a wide range of other Huawei optical transceivers. If you ...

Sep 11, 2025

Optical Module Classification and Common After-Sales FAQs

Explore the classification of optical modules based on transmission rate, package type, mode, central wavelength, and color. Learn about common causes of optical module failure and protective ...

Jun 15, 2026

MXPDP-03xx EN_v3.2.doc

Description The MXPDP-03XX transceiver is a high performance, cost effective module that supports data-rate up to 155Mbps. The transmitter section and the receiver section work independently in the ...

Jun 23, 2026

Huawei 34060653 Datasheet

Huawei 34060653 Datasheet Huawei Optical Transceiver, eSFP, 1310nm, 1.25Gb/s, -9 ~ -3dBm, -20dBm, LC, Single Mode, 20km 34060653 34060653 - Genuine Huawei MXPDP-243S-01 Optical ...

Feb 22, 2026

1.25 Gbit/s SFP/eSFP Optical Module

You can use different levels of 1.25 Gbit/s SFP/eSFP optical modules with GE interfaces and 10 GE interfaces. The wavelength of common 1.25 Gbit/s SFP/eSFP optical modules can be 850 ...

Contact Us

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

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

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

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