

Table of Optical Module Rates and Models



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. Optical modules are critical components in fiber optic communications, enabling the conversion between electrical and optical signals. Understanding their classifications and types is essential. To meet the demands of various transmission rates, different-rate optical modules have emerged: 1. 6T optical modules, 800GE optical modules, 400GE optical modules, 100GE optical modules, 40GE optical modules, 25GE optical modules, 10GE optical modules, GE optical modules, FE optical modules, and so. Cisco Optics are at the heart of every network. Get the highest quality, performance-leading optical transceivers for any network architecture.



Article Content

Optical Transceivers

We apply our strong systems and photonic integration expertise to offer a range of products that deliver 100-Mbps to 400-Gbps data rates and comply with Ethernet, SONET/SDH, Fibre Channel and CPRI ...

Optical Module Classification and Common After-Sales ...

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

Classification and basic principles of optical modules

In general, the higher the rate, the worse the receiving sensitivity, that is, the greater the minimum received optical power, and the higher the requirements for the device at the receiving end ...

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.

Optical Transceiver Market Report 2024-2029 [319 Pages & 226 Tables]

Overall, the ongoing advancements in optical technology, particularly silicon photonics, create a fertile ground for optical transceiver manufacturers to expand their market reach and cater to diverse and ...

A complete list of common optical module types-ETU-LINK

Many partners do not know much about the packaging types of optical modules, so in this article, ETU-LINK introduces you to what are the common packaging types of optical modules, ...

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Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

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 measures.

01-10 OPTICAL MODULES

Optical modules are available in various types to meet diversified requirements. Depending on transmission rates, optical modules are classified into 100GE, 40GE, 25GE, 10GE, FE, and GE ...

The Ultimate Guide to SFP Modules (2026): Types, Speeds

Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the right transceiver for Cisco, Juniper, and more.

Comprehensive Guide to Optical Transceiver ...

Systematic classification of optical modules by data rate, form factor, transmission distance, and fiber type.

Comprehensive Guide to Optical Transceiver Classifications and ...

Systematic classification of optical modules by data rate, form factor, transmission distance, and fiber type.

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