# The network optical modules are different colors

## Overview

The most commonly used SFP optical modules operate at 850nm, 1310nm, 1490nm, and 1550nm. This article provides a professional guide on transceiver pull tab color codes by wavelength—spanning SFP, SFP+, CWDM, and BiDi modules—and introduces how LINK-PP standardizes color matching across its optical product lines. In the complex infrastructure of data centers, optical modules are critical components that. Distinguish the wavelength by the color of the pull ring of the optical module In order to distinguish their own optical modules, different manufacturers can distinguish them by their wavelength, transmission distance, packaging, etc. One of the most effective and widely used methods is through the pull-tab color on transceiver modules. Its primary function is to achieve optoelectronic conversion by converting electrical signals into optical signals and vice versa.

## Article Content

How to distinguish the wavelength form the ring color of the optical ...

Optical transceivers are essential components in fiber optic communication, data center interconnection, and network transmission systems. The ring color of the optical transceivers are ...

Distinguish the wavelength by the color of the pull ring of the optical ...

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The meaning of the optical module with different color pull ring

By quickly identifying light modules through color, engineers can more efficiently complete network upgrades and expansions, reducing the possibility of errors occurring.

Meaning of Optical Module Pull Tap Colors

Optical module pull tab colors serve as a visual language in network operations and maintenance. Their core value lies in simplifying module selection and troubleshooting.

How to Identify Optical Transceiver Wavelengths by Pull-Tab Color: ...

In fiber optic networks, accurately identifying the wavelength of an optical transceiver module is essential for ensuring optimal network performance and reliability. One of the most ...

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.

Grey Transceiver vs. Color Transceiver, What is the Difference?

A grey transceiver is an optical transceiver that only uses one or two wavelengths of light to transmit and receive data. The grey transceiver is not color-coded because it only uses one ...

Optical Module Pull Tab Colors: The Ultimate Guide to SFP, QSFP, ...

Description: Decode optical module pull tab colors for SFP, QSFP+, BIDI, and CWDM modules. Learn how color identifies fiber type, wavelength, and transmission distance to simplify data ...

How to Identify Optical Transceiver Wavelengths by Pull-Tab Color

The most commonly used SFP optical modules operate at 850nm, 1310nm, 1490nm, and 1550nm. Their pull tab colors help quickly distinguish between module types and supported ...

The Most Comprehensive Guide Of Optical Modules

In the upcoming sections, we will delve into the classification of optical modules, future trends, and guidelines for selecting the appropriate optical module for your network.

## Contact Us

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