

The blue pull ring on the optical module indicates single-mode operation



Overview

To determine whether the SFP module in your hand is single-mode or multi-mode, the most straightforward method is to check the color of the pull ring, for example, blue pull rings and red pull rings are single mode, and black pull rings are multimode. The pull tab color is a visual coding system designed for rapid identification. It helps technicians instantly recognize the module's compatible fiber type, wavelength, and primary function—without unplugging it. The Core Identification Function of Optical Module Pull Tap Colors The color of the optical module pull tap is not just for. These modules convert electrical signals into optical signals, which transmit data over distances of fiber optic cables with minimal power loss. The topic of specifications and physical traits is one aspect of this question; another often-overlooked detail is the color of the pull tab. This modest. Avoid Network Downtime: For example, installing a module with a mismatched pull-tab color (e. blue instead of yellow) may cause link failure. Always check colors to prevent errors.

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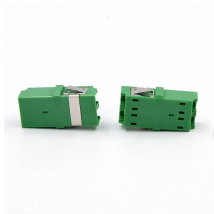
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Their main function is to identify the type, wavelength, and function, allowing technicians to quickly determine its type and use case without removing the optical module.



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Learn how to identify optical transceivers by pull tab color. This guide explains wavelength, distance, and fiber compatibility for SFP, QSFP, BIDI & ...



The characteristic of a single-fiber bidirectional optical module is that it can realize signal transmission in two directions simultaneously on a single optical fiber.



Learn how to check SFP single mode or multimode, and choose the right fiber type and wavelength to keep your network stable.



In the field of fiber optic networking, identifying the right transceiver quickly is essential to maintain high performance and avoid installation errors. One key method of visual identification is the ...



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. Colors can ...



Q3: How do pull-tab colors differentiate single-mode from multi-mode transceivers? A3: Multi-mode modules commonly use black (850nm) and blue (1300nm), while single-mode ...



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Contact Us

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