

What color should the AAU optical module display



Overview

Optical modules can be classified as single-mode and multimode optical modules, which can be distinguished as follows: ● The puller of a single-mode optical module is blue and the puller of a multimode optical module is black or gray. ● The transmission mode is displayed . It describes the exterior, functions, technical specifications, ports, indicators, angle adjustment system, optical modules, and cables of the AAU. Product Versions The following table lists the product versions related to this document. 7 Optical Modules An optical module transmits optical signals between an optical port and a fiber optic cable. Issue 06 (2014-07-30) Huawei Proprietary and Confidential Copyright ©. One key method of visual identification is the color of the transceiver's pull tab, which corresponds to its wavelength. 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. Colored optical modules are installed on AAUs and DUs, and the WDM function is implemented by passive equipment, enabling a single optical fiber to provide connections from multiple AAUs to DUs. However, the traditional front-haul solution using optical fiber direct drive

between DU (Distributed Unit) and AAU (Active Antenna Unit) suffers from a series of problems such as shortage of optical fiber resources, high cost of cable construction, long construction. Since OTM is a passive device, each service port's optical module needs to use different wavelengths which are referred to as color optical modules. The passive WDM system consists of two parts: OTM and color optical modules.

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It describes the exteriors, functions, configurations, ports, indicators, technical specifications, cable types, connector specifications, and cable connections of the ...



Specifically, the yellow parts y1 and y4 represent arrays whose operating frequency band is 2490–2690 MHz, and the blue parts b1 and b2 represent arrays whose operating frequency band is 1695–2200 ...



under the C-RAN architecture. The DU side of the equipment uses active WDM equipment, and the AAU side uses passive WDM plus color optical modules to form a unified ...



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Most of the AAU of 5G base stations are deployed outdoors. In order to resist harsh environments such as high temperature and low temperature, it is necessary to use industrial-grade optical modules or ...



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One of the most effective and widely used methods is through the pull-tab color on transceiver modules. This simple visual system helps technicians quickly determine the module's ...



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This guide provides instructions for routine maintenance of the AAU3940, including powering on and off, replacing the AAU, and modules within it, as well as replacing optical modules.



optical modules, and cables of the AAU. The exteriors of components and cables in this document are for reference only. The following table lists the product versions related to this ...



When using the system, the optical modules of standard wavelengths (commonly used 1550nm or 1310nm) of BBU/DU or RRU/AAU (commonly known as gray light module or white light ...

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