

Notes during AAU optical module installation



Overview

Two AAUs are installed on a pole. ● The recommended wall thickness of a pole is greater than or equal to 4 mm (0. 3 Installing an AAU Power Cable Added the descriptions about how to prepare and install power cables in the 110 V AC dual-live-wire power supply scenario. 4 Installing an ODM04A Power Cable ● Adding a Female Fast Connector (Pressfit Type) to the AAU Power. Overview This document provides reference for planning and deploying an Active Antenna Unit 3902 (AAU3902, which is shortened to AAU in this document). This section. 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. Optical signals with different central wavelengths transmitted in the same fiber do not interfere with. As core components of optical communication systems, the proper installation and use of optical modules directly impacts network stability. This article systematically identifies common anomalies during optical module installation.



Article Content

Sep 11, 2025

Fiber Optic Cable Installation and Handling Instructions

Introduction Fiber optic cables can be easily damaged if they are improperly handled or installed. It is imperative that certain procedures be followed in the handling of these cables to avoid damage

Aug 20, 2025

AAU AAU3940 Hardware Maintenance Guide | Manualzz

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.

Nov 21, 2025

AAU5636 (2300-2600 MHz) Installation Guide (03) (PDF)-En

1.6 Installing an Optical Module Before lifting an AAU, install an optical module on the connector at the bottom of the AAU. NOTE The exterior of a module in this section is for reference only.

Aug 05, 2025

AAU AAU3940 Hardware Maintenance Guide | Manualzz

This Hardware Maintenance Guide is for AAU AAU3940. It provides instructions for routine maintenance, powering on and off, replacing the AAU and modules, and replacing optical modules.

Jun 28, 2025

Installation Guide

Before installing an AAU, take power terminals out of its maintenance cavity and install optical modules. Before installing an AAU on a pole, you need to lift the AAU to the installation position on the pole.

Jul 19, 2025

Standard for Installing and Testing Fiber Optics

for installing electrical products and systems. NEIS® are intended to be referenced in contrac documents for electrical construction Fiber optic cables shall be installed in accordance with

Mar 27, 2026

AAU5339 Installation Guide (01) (PDF)

AAU5339 Installation Guide (01) (PDF)-EN - Free download as PDF File (.pdf), Text File (.txt) or read online for free. The AAU5339 Installation Guide outlines the

Oct 12, 2025

AAU5310 Installation Guide: Massive MIMO Setup

AAU5310 Installation Guide: Learn about Massive MIMO setup, equipment specs, antenna details, and installation procedures. Perfect for professional installers.

Sep 06, 2025

(Video) AAU5831 Hardware Installation

01-Installation Overview.mp4 02-Installing the Optical Module and Preparing Cables.mp4 03-Operations Under the Tower (Integrated Lifting).mp4 03-Operations Under the Tower (Separated

May 01, 2026

HUAWEI AAU3940 HARDWARE MAINTENANCE MANUAL Pdf

Step 10 Inform the remote engineer that the AAU has been replaced. Page 23: Replacing The Optical Module Required tools and materials are available, including an ESD box or bag, and ESD gloves.

Dec 16, 2025

Analyzing Abnormal Situations During Installation and Use of Optical

This article systematically identifies common anomalies during optical module installation. Combining hardware principles with practical experience, it provides step-by-step solutions and key

Jan 23, 2026

AAU5636m Installation Guide (01) (PDF)

Installation Guide 1 AAU5636m Installation Guide NOTE When -48 V DC power supply is used, the normal input voltage of an AAU ranges from -36 V DC to -63 V DC. The RUN indicator on the AAU

Aug 21, 2025

Analyzing Abnormal Situations During Installation and Use of Optical Module

As core components of optical communication systems, the proper installation and use of optical modules directly impacts network stability. This article systematically identifies common

May 18, 2026

AAU5972 Hardware Description | Huawei Active

Explore the Huawei AAU5972 Hardware Description. This technical manual details the active antenna unit's exterior, functions, ports, indicators, RET system,

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Installation of AAU (Massive MIMO)

02 Installing the Optical Module and Preparing Cables Telecom Knowledge Share • 271 views • 3 years ago

Oct 17, 2025

AAU3902 Installation Guide (09) (PDF)

Step 5 Insert the other end of the optical fiber into the optical module on the BBU side. Step 6 Lay out the cables according to the instructions in 1.8.1 Cabling Requirements.

Jul 20, 2025

02 Installing the Optical Module and Preparing Cables

Installation of AAU (Massive MIMO) 02 Installing the Optical Module and Preparing Cables

Dec 14, 2025

AAU5639w Installation Guide Overview | PDF

AAU5639w (3500 MHz & 3700 MHz) Installation Guide (01) (PDF)-EN - Free download as PDF File (.pdf), Text File (.txt) or read online for free.

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AAU5313 Installation Guide (03) (PDF)

It is recommended that the optical modules be installed on the ground, since there is no anti-falling protection for installing the optical modules on the tower.

Aug 09, 2025

Typical Application Of 25G Colored Optical Modules In

According to 5G standards, during deployment, CUs, DUs, and AAUs can be deployed in discrete or co-located modes, considering factors such as

Dec 21, 2025

AAU5636 (2300-2600 MHZ) Installation Guide (03) (PDF)

77 AAU5636 (2300-2600 MHz) Installation Guide 1 AAU5636 Installation Guide Figure 1-87 Pressing the cable lock lever and locking the shielding clip Step 9 Push the inner

Jan 21, 2026

Installing an Optical Module

CloudEngine 9800, 8800, 7800, 6800, and 5800 Series Switches Hardware Installation and Maintenance Guide (V100 and V200) Installing an Optical Module Context Before the installation,

Jan 22, 2026

HUAWEI AAU3902 HARDWARE DESCRIPTION Pdf

Overview This document provides reference for planning and deploying an Active Antenna Unit 3902 (AAU3902, which is shortened to AAU in this document). It

Sep 13, 2025

AAU5636 (2300-2600 MHz) Installation Guide (03) (PDF)-En

The process of installing cables includes installing an AAU PGND cable, installing a power cable, and installing a CPRI optical fiber. The operations must be implemented in sequence.

Mar 30, 2026

02 Installing the Optical Module and Preparing Cables

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May 13, 2026

AAU3940 Installation Guide

AAU3940 Installation Guide: Detailed instructions for installing the AAU, cables, and auxiliary hardware. Includes checklists for hardware installation.

Jul 19, 2025

Huawei Technologies AAU3940 Active Antenna Unit

User manual instruction guide for Active Antenna Unit AAU3940 Huawei Technologies Co.,Ltd. Setup instructions, pairing guide, and how to reset.

Contact Us

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