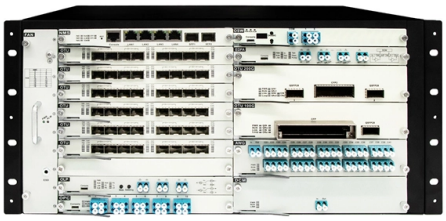
# How to install a bbu optical module



## Overview

BBU Subrack Installation Guide | PDF | Optical Fiber1) The document provides instructions for installing a BBU subrack, boards and modules, GPS SPD, cables.

## Key Takeaways

To insert a BBU optical module, remove the dust-proof cap, align the module with the SFP slot, slide it in carefully, and connect the optical fiber to the correct port.

### Step-by-

Step Installation1.

### Prepare for Installation

Wear an ESD wrist strap or ESD gloves to prevent electrostatic damage to the BBU subrack.

### Ensure the BB

U is powered off before inserting the optical module. Identify the correct SFP slot (SFP0/SFP1 or P1/P2) for the optical module based on your BBU model. 2.

### Insert the Optical Module

Remove the dust-proof cap from the optical module and the corresponding BBU slot. Lower the puller (if present) on the module. Slide the optical module gently into the SFP slot until it clicks into place.

Raise the puller to secure the module. 3.

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### Connect the Optical Fiber

Identify the TX and RX ports on the BBU and the corresponding ports on the RRU.

### The T

X port on the BBU connects to the RX port on the RRU, and vice versa. Connect the optical fiber to the module's port carefully, ensuring proper alignment and avoiding bending the fiber sharply. Use fiber binding straps to secure the cable along the cabinet, following the BBU cable claw positions.

Install a winding pipe at the end of the fiber to protect the connector and maintain proper bend radius. 4.

### Verify Connections

Ensure all cables are securely connected and routed properly to prevent stress on the fiber. Check that the module is fully seated in the slot and that the fiber is not under tension. 5.

### Optional Testing

If using a BBU-emulation module, insert the SFP into the P1 or P2 port and connect the RRH cable to validate the link. Perform a link validation to confirm proper communication between the BBU and RRH. Following these steps ensures safe and correct installation of the BBU optical module, maintaining signal integrity and preventing damage to the hardware.

## Article Content

BBU Subrack Installation Guide | PDF | Optical Fiber

1) The document provides instructions for installing a BBU subrack, boards and modules, GPS SPD, cables, GPS antenna system, and checking installation.

BBU Quick Installation Guide (V100R005C10_04) (PDF)-EN

BBU Quick Installation Guide (V100R005C10_04) (PDF)-EN This document describes how to quickly install the BBU.

BBU Quick Installation Guide V100R005C10 04

1. Connect the M4 OT terminal at one end of the BBU PGND cable to the OT terminal on the BBU. 2. Connect the M6 OT terminal at the other end to an external ground bar or ground screw. Some

BBU3900 Installation Guide (21) (PDF)

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The BBU3900 Installation Guide provides detailed instructions for installing the BBU in various configurations, including APM30, 19-inch racks, and TMC cabinets. It includes a list of

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BBU3900 Installation Guide 19

Insert the optical connector at one end of the CPRI optical cable into the optical module. Lead the CPRI optical cable out of the cabinet along the left side of the cabinet.

BBU3900 Installation Guide

Insert one end of the CPRI optical cable into the optical module, and then lead the CPRI optical cable out of the cabinet along the right side of the cabinet. Wrap the fiber tail with the winding

BBU3900 Installation Guide

The procedure for installing BBU cables (except the power cable) in the TMC11H cabinet is the same as that in the APM30H(Ver.B). For details, see the description on pages 23 to 26.

BBU3900 Installation Guide 19

Insert the DLC connectors labeled 2A and 2B at one end of the CPRI optical cable into the optical module on the GTMU, and then insert the DLC connectors labeled 1A and 1B at the other

Zte ZXSDR R8854 Hardware Installation

Page 71 7. Remove the cable tie at one end of the corrugated pipe marked as "BBU" by using the diagonal pliers and install it to the optical junction box or BBU. 8. Hang the plastic label of optical

PDF document

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BBU Quick Installation Guide (V100R005C10_04) (PDF)-EN

BBU Quick Installation Guide V100R005C10 04 Installing a BBU a Installing a BBU Subrack NOTE • Wear ESD wrist strap or ESD gloves to prevent electrostatic damage to the

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Page 1 BBU Quick Installation Guide V100R005C10 03 Installing a BBU Installing a BBU Subrack NOTE • Wear ESD wrist strap or ESD gloves to prevent electrostatic damage to the subrack. • Only when

RRU & BBU Fiber Cable Installation Guide | PDF | Optical Fiber

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Which Optical Modules Are Commonly Used In 4G Base Stations?

In this blog,ETU-LINK will talk about 4G base stations and common types of optical modules. The base station can be divided into two modules: the RRU for transmitting signals and the BBU for processing

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BBU3900 Installation Guide

The connectors labeled 2A and 2B are connected to the optical module on the port labeled CPRI0 to CPRI5 on the GTMU of the BBU, the connectors labeled 1A and 1B are connected

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.



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