

RRU optical module location



Overview

RS can be installed in a suitable machine room location, and RRU is installed at the antenna end. By separating RS from RRU, the tedious maintenance work can be simplified to the RS end. AAU, RRU, and BBU are key components in a telecom network, particularly in modern wireless communication systems like 4G and 5G. Here's a breakdown of each: The central processing unit in a base station. Usually, Optical modules used in Remote Radio Units (RRUs) for CPRI applications are required to support industrial temperature ranges, primarily because RRUs operate in diverse outdoor environments with extreme temperature variations. CPRI (Common Public Radio Interface) defines the interface relationship. RRU is short for remote radio unit. Strip the jacket off the RRU power cable for a small part, press the exposed shielding layer on the strap, and then connect the PGND cable on the strap to the nearest grounding bolt on the side in the. The mode. Determine a position for installing 2. Loosen the two M10 nuts on the mounting M10 bolt from the U notch.



Article Content

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RRU Installation and Hardware Guide

The document provides instructions for installing RRU, DBS, BTS and TMA equipment and their associated cables. It describes the appearance and functions of the RRU, and outlines the steps for ...

Jul 16, 2025

Why Optical Modules For CPRI Applications Need To Support ...

The figure below shows a typical BBU-RRU connection topology. The BBU is located inside a climate-controlled equipment room, while the RRU is usually mounted on outdoor telecom towers. Figure 1 ...

Mar 10, 2026

RRU5909 Hardware Description: Ports, Cables, Functions

Optical Module Type Optical modules can be divided into single- and multimode optical modules, which can be distinguished as follows: • The puller of a single-mode optical module is blue and the puller of ...

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Microsoft PowerPoint

At the end of the RRU power cable connected to the DCDU-03C, you need to make the shielding layer of the power cable into an OT terminal, and then connect the OT terminal to the PGND terminal of ...

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Difference Between AAU, RRU, and BBU

Integrates the RRU and antenna into a single unit. Used mainly in 5G networks to support massive MIMO (Multiple Input Multiple Output). Enhances signal strength and coverage, ...

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WHAT IS RRU AND BBU?

RS can be installed in a suitable machine room location, and RRU is installed at the antenna end. In this way, part of the previous base station module is separated.

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eRRU Quick Installation Guide (V100R005C10_04) (PDF)-EN.pdf

5 The optical modules at both ends of the optical fiber have the same specifications, rate, and transmission distance. 6 Labels are correct, legible, and complete at both ends of each cable, ...

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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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HISILICON Optical Modules in the field of communication base stations

Generally, the BBU and RRU are operated separately, the BBU is placed in the engine room and the RRU is placed on the tower, and the equipment connecting the BBU and RRU are optical modules ...

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What is RRU in Telecom?

Optical fiber connects the RRU to the BBU. The BBU is then able to send the signal to a cell tower near the person you texted. As you can see, there's a lot going on behind the scenes of every text ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.professionistidelverde.it>

Email: info@professionistidelverde.it

Phone: +49 176 4829 3715

Address: Friedrichstraße 123, 10117 Berlin, Germany

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