

Is the base station optical module on RRU or BBU

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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 ...

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Discover how BBU and RRU work together via CPRI/eCPRI for efficient 5G signal transmission. Learn about functional splits, latency control, and O-RAN advantages.

CPRI modules are designed exclusively for the fronthaul link between a BBU and an RRU in a wireless base station. Their entire design is optimized for this point-to-point, synchronous ...

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 ...

The BBU centralizes the "baseband," "transmission," "main control," "clock," and other functions of the base station. On the other hand, the RRU focuses on the radio frequency (RF) ...

* In traditional setups (4G), the BBU connects to the RRU, which then connects to the antenna. * In advanced setups (5G), the AAU integrates the RRU and antenna, simplifying the architecture...

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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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