

# Does BBU have optical modules

BBU is placed in the computer room, while RRU is placed on the tower. The optical modules used to connect BBU and RRU devices are optical modules and optical fibers.

1 According to the network planning, the boards in the BBU are inserted in the proper slots and secured. 2 The subrack which is used to install the BBU is steady installed.

In 4G wireless networks, the two core units of the CPRI architecture are the BBU (Building Baseband Unit, indoor baseband processing unit) and the RRU (Remote Radio Unit). Optical modules deployed ...

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 ...

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 ...

AAU (Active Antenna Unit): Integrates multiple beams to receive signals from the RRU, which have been converted from the BBU. The AAU enhances signal transmission and reception ...

3G networks use a large number of distributed base station architectures, and optical fiber is required to connect RRU (radio remote module) and BBU (baseband processing unit).

Let's compare that with a SFP+ module specifically designed for CPRI links between the BBU and RRH equipment. We will use Finisar's FTLX1370W3BTL as the optical transceiver for this comparison.

The CPRI protocol test application with BBU emulation included on EXFO's FTB-720G V2 will verify that the RRH is fully operational and that the right small form-factor pluggable (SFP) optical transceivers ...

Main Functions of RRU& BBU The main functions of the indoor baseband pool (BBU) include: Connecting to the RRU via optical fiber interface and performing RRU control and data ...

Web: <https://csc-energia.com.pl>