

Bbu has several optical modules

The optical modules used to connect BBU and RRU devices are optical modules and optical fibers. In 4G networks, the optical modules used to connect BBU and RRU are mainly gigabit to 10Gbit optical ...

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).

The base station can be divided into two modules: the RRU for transmitting signals and the BBU for processing signals. The BBU is small and exquisite, with low power consumption, while the RRU is ...

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 ...

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 ...

In a distributed base station architecture, the traditional macro station equipment have two distinct units based on their functions: the BBU and the RRU. The BBU centralizes the ...

In 4G network, the optical modules used to connect bbu and rru are mainly Gigabit to 10 Gigabit optical modules; in 5G network, the interfaces between bbu and rru are such as cpri ...

Electrical and optical interfaces are supported by CPRI; however, most implementations have been done with optical interfaces, perhaps due to its properties of immunity to interference and minimal ...

When it operates as an Ethernet switch, it is used for converging the data of other BBUs of the physical site (one physical site can have multiple BBUs). It has the following features: Provides six Ethernet ...

The high-density BBU accumulation in DU equipment rooms has high requirements for heat dissipation. High temperature resistant industrial-grade optical modules or liquid-cooled optical modules can be ...



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