

Base station rru ac equipment battery specifications

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What is a remote radio unit (RRU)?

The radio specific HW for each sector is contained in a Remote Radio Unit (RRU), which is designed to be located near the antenna. The rest of the RBS (control, base band, switching and Iub interface parts) is contained in a Main Unit. A thin optical fiber pair cable connects each RRU to the Main Unit.

What is a base station?

A base station comprises a baseband unit (BBU) and a remote radio unit (RRU), and Murata's lineup of products for use in millimeter-wave band remote radio units is introduced here.

How far can a RRU connect to a main unit?

Each link between the Main Unit and RRU requires its own optical fiber pair cable. The most commonly installed single mode optical fiber (G.652) is used, enabling long cable distances up to 15km. The maximum distance between two RRUs, belonging to the same Main Unit, is 5 km.

Are the main unit and RRU 22 HW prepared for cascading?

The Main Unit and the RRU 22 (see ref in 1.5.2 and 1.5.3) are also HW prepared for supporting cascading. Cascading makes it possible to reduce the total length of fiber cable needed, which can be interesting especially when the RRU 22s are located close to each other but far away from the Main Unit. Three cascading chains are supported.

Overview of 5G base station equipment, components, and layered architecture covering antenna systems, RRU/BBU functions, transmission, power, and monitoring.

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Leveraging our market-proven product performance and system adaptability, we have built a product line that covers all power supply scenarios for base stations, providing solid support ...

Product description of the Ericsson RBS 3418 Main-Remote Radio Base Station, covering specs, configurations, installation, and operation.

Vicinity's 4+5G Indoor Pico RRU is a radio frequency unit for 5G NR outdoor type base stations. It works with a baseband unit (NR BBU) to form a complete 4G + 5G base station used in mobile cellular ...

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The Gamma632 combined with Baicells or third-party Base Band Unit (BBU) and Radio Hub (rHub) to form an extended pico base station or indoor distribution solution, providing customers with ...

The document provides a power consumption table for various 3G, 4G, and emerging 5G radio network equipment including RRUs, radios, baseband units, and antennas.

RRU (Radio Remote Unit) and BBU (Building Baseband Unit) are indispensable components in base station construction and FTTA. In a distributed base station architecture, the traditional macro station ...

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