

Baseband Unit for Wireless Communication

The Baseband Unit (BBU) is a critical component in wireless communication infrastructure, responsible for processing baseband signals. It interfaces with remote radio units (RRUs) or active antenna units (AAUs) via fiber optic cables.



Product Overview

Core Functionality

The Baseband Unit (BBU) serves as a critical component in wireless communication infrastructure by managing the processing of baseband signals. Designed for reliability and high-capacity traffic handling, it performs essential tasks including modulation, demodulation, encoding, decoding, and control signaling. The unit is optimized for telecommunications equipment room integration with a standard rack-mounting form factor.

Technical Specifications

Core Operations

- Modulation and Demodulation
- Encoding and Decoding
- Control Signaling
- Baseband Signal Processing

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| Model Identifier | CP BBU01-1324A |
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Deployment and Compatibility

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| Mounting | Rack-mount |
| Connectivity | Fiber optic interface to RRU/AAU |