

RRU cascaded to several optical modules



Overview

The invention discloses a method for RRU bypass in wireless communication network, at least two of the RRUs being cascaded, comprising: monitoring a signal indicating at least one of cascaded RRU is in failure or to be updated; and switching the at least one of. The invention discloses a method for RRU bypass in wireless communication network, at least two of the RRUs being cascaded, comprising: monitoring a signal indicating at least one of cascaded RRU is in failure or to be updated; and switching the at least one of. The invention discloses a method for RRU bypass in wireless communication network, at least two of the RRUs being cascaded, comprising: monitoring a signal indicating at least one of cascaded RRU is in failure or to be updated; and switching the at least one of cascaded RRU into a bypass mode by. Which optical modules are commonly used in 4G base stations?

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 signals. The BBU is small and. electronic standards and delivering strategic roadmap reports. IPEC

focuses on standardizing solutions in optical chips, optical/electrical components, and optical modules. Markets addressed by IPEC include 5G, IoT and AI. Power Meters and Light Sources simulate Tx and Rx and provide very accurate. This feature is controlled by a Remote Control Unit (RCU), which communicates with the Remote Radio Unit (RRU).

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The document also defines RRU cascading as connecting multiple RRUs to the ...



The document also defines RRU cascading as connecting multiple RRUs to the same small form-factor pluggable (SFP) port on units such as universal baseband resource interfaces (UBRI) or baseband ...



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Several connector types are available for optical feeder cables. The most common are shown below with each available in either SIMPLEX (one fiber) or DUPLEX (two fibers) configurations.



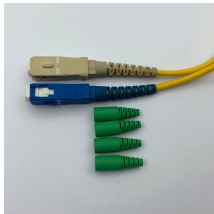
The optical module provides an interface for optical-electrical conversion, thus enabling transmission through optical fibers between the RRU and other devices.



View the TI Macro remote radio unit (RRU) block diagram, product recommendations, reference designs and start designing.



The flow from the antenna to the BBU involves several interconnected components, each with specific roles and responsibilities.



deployed indoors (in equipment rooms or cabinets) or outdoors. In CRAN, BBUs are deployed in central equipment rooms and remote radio units (RRUs) / active antenna units (AAUs) ...



The 1 and 2 interfaces provide connections to optical cables for traffic and timing signals between the RRU and the main unit. A Small Form-Factor Pluggable (SFP) is used to connect the optical cable to ...



The method includes: monitoring a signal indicating at least one of cascaded RRU is in failure or to be updated; and switching the at least one of cascaded RRU into a bypass mode by...



RRU and BBU are crucial components in base station construction, enabling a distributed architecture that improves efficiency and reliability.

Contact Us

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