

RRU remote power supply typically uses 48V DC power



Overview

Based on Station Cable technology, the remote radio unit (RRU) supplies 48V DC power in outdoor or indoor settings. The RRU cable is designed for communication purposes and is used in a radio base station. The DC supply for an RRU typically must operate continually, making robust and reliable surge protection an essential. Difference Between AAU, RRU, and BBU AAU, RRU, and BBU are key components in a telecom network, particularly in modern wireless communication systems like 4G and 5G.



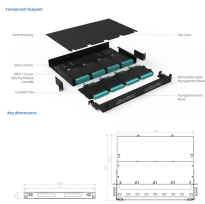
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With the advent of Remote Radio Units (RRU) at cellular basestations there is a need to supply power to these external units located at the top of the tower. Currently 48V DC power is supplied from the ...



OT terminals need to be added on site. The RRU uses a shielded -48 V DC power cable. The cable feeds external -48 V DC power to the RRU.



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It feeds - 48V DC power to an RRU. 1. Application. The cables are used for power supply of telecom equipment, where there are requirements for flame retardant, ...



This article examines the historical origin, technical advantages, safety features, and industrial applications to explain why DC 48V has become the mainstream power supply for telecom equipment.



They are like the "nerves" and "blood vessels" of base stations, undertaking key functions such as high-speed signal transmission, power supply, remote control and safety grounding, and none of them can ...



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Connected to the RRU or AAU via fiber optic cables. RRU (Remote Radio Unit) Converts digital signals from the BBU into radio signals and vice versa. Mounted near the antenna to reduce signal...



The RRU Power Supply is power factor corrected with a minimum power factor rating of 0.95. The power supply utilizes a highly efficient power converter circuit achieving typical efficiency in excess of 88% ...



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Contact Us

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