Where to connect the RRU pigtail

Overview

The RRU installation process involves installing three RRUs, connecting antenna jumper cables, power cables, optical cables and grounding cables.

Key Takeaways

The RRU pigtail should be connected between the RRU and an ODF or BBU using the appropriate fiber optic connectors (FC, LC, or SC) as specified for your RRU model.

Connection Procedure

Identify the Pigtail Ends The single-mode pigtail has a DLC connector on one end and an FC, LC, or SC connector on the other end.

The DL

C end typically connects to the RRU, while the FC/LC/SC end connects to the ODF or BBU. Check Cable Lengths For proper installation, the breakout cables on the BBU side and ODF side are usually 0. 34 m (1.

12 ft) and 0. 8 m (2. 62 ft), respectively.

Ensure the cable length is sufficient to reach the intended ports without tension. Connect to the RRU Insert the DLC connector into the designated fiber port on the RRU. Ensure the connector is fully seated and secured to prevent signal loss.

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Connect to the ODF or BBU Insert the FC, LC, or SC connector into the corresponding port on the ODF or BBU. Follow the labeling on the breakout cable to match the correct transmit (TX) and receive (RX) channels. Secure and Label After connection, secure the pigtail to prevent movement and label both ends according to your network documentation.

This ensures easy identification for maintenance or troubleshooting. Check Signal and Status Power on the RRU and verify the CPRI link status. A steady green indicator typically confirms proper connection, while red or blinking lights may indicate a misconnection or fiber issue.

Additional Tips

Always handle fiber optic cables carefully to avoid bending or damaging the fibers.

Ensure the RR

U is properly grounded if the installation involves power and shielding connections. Follow the specific RRU model's installation manual for any additional steps, such as adding OT terminals for power cables if required. By following these steps, the RRU pigtail will be correctly connected, ensuring reliable communication between the RRU and the network infrastructure.

Article Content

RRU Installation and Cable Guidelines

The RRU installation process involves installing three RRUs, connecting antenna jumper cables, power cables, optical cables and grounding cables. Detailed steps are provided for installing each cable

RRU Installation and Hardware Guide

The document provides instructions for installing RRU, DBS, BTS and TMA equipment and their associated cables. It describes the appearance and functions of the RRU, and outlines the steps for

HUAWEI RRU3201 INSTALLATION MANUAL Pdf Download

The power off duration of the RRU cannot exceed 24 hours during maintenance. Page 26: Reference Reference Lift the RRU and installation components to the tower. Tie one end of a rope to the

Microsoft PowerPoint

At the end of the RRU power cable connected to the DCDU-03C, you need to make the shielding layer of the power cable into an OT terminal, and then connect the OT terminal to the PGND terminal of

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eRRU Quick Installation Guide (V100R005C10_04) (PDF)-EN

Connect the M6 OT terminal at one end of the PGND cable to the ground terminal at the bottom of the eRRU and the M8 OT terminal at the other end to the external ground bar.

Installation Guide

When installing the RRU power cable, connect the power cable to the RRU connector first and then to the power equipment connector. Incorrect connection sequence or reverse connection of positive

How to Wire an Electrical Pigtail with Diagram [Pro Safety Guide]

To create a code-compliant pigtail, you need 12 or 14-gauge THHN wire, wire strippers, Lineman''s pliers, and appropriately sized wire nuts. Before beginning any wiring project, ensuring

RRU3908 V1 Installation Guide

A maximum of two RRUs can be installed on a metal pole with the diameter of 60 mm to 76 mm, and the RRUs must be installed on the back. Only one RRU can be installed on a U-steel or an angle steel at

Remote Radio Unit Installation and Interface

Connecting the Optical Cable to the RRUS Cascading RRUSs (Optional) Cross-Connecting the RRUSs (Optional) Co-Siting RRUS (Optional) Connecting the RF Cables Connecting the RF Cables with an

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How to Make a Pigtail Wire The National Electric Code requires a pigtail wire to be least six inches long. Electricians often cut their own pigtails

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RRU5935E Hardware Description

Hardware description for RRU5935E remote radio unit. Details exterior, functions, ports, specs, cables, and RF connections. For installation and maintenance.

RRU3908 V1 Installation Guide

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Strip the jacket of the DC RRU power cable for a small part, press the exposed shielding layer on the strap, and then connect the PGND cable on the strap to the nearest grounding bolt on the side in the

Electrical Pigtails

Q. When does the electrical code require pigtails for connecting devices in residential wiring?A. Ben Giles, licensed electrician and owner of South Shore Electrical Contractors, in

How to Wire an Electrical Outlet in Series

Wiring With Pigtails The second method of adding an electrical outlet in the middle of a run is to connect the receptacle to the circuit wires with pigtails,

How to Make Pigtail Wire Connections | Angi

A pigtail electrical wire connector is a simple DIY project, whether you need to extend a short wire or connect neutral, hot, and ground wires to a circuit.

RRU Installation and Cable Guidelines

This document provides instructions for installing RRU, DBS, BTS and TMA equipment. It describes the objectives, appearance and functions of the RRU. The RRU installation process involves installing

RRU3252/RRU3256 Installation Guide

Before hoisting fiber optic cables onto the tower, connect the fiber optic cables to the RRU or BBU based on the labels on both ends of the cables and determine the hoisting direction.

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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