How to install the Huijue indoor terminal box



Overview

Connect the M6 OT terminal at one end of the PGND cable to the ground terminal at the RRU bottom and the M8 OT terminal at the other end to the external ground bar, as shown in Figure 1.

Key Takeaways

The Huijue indoor terminal box can be connected by installing fiber adapters, RJ45 connectors, and securing cables in the self-clipping box while optionally integrating with smart monitoring via RS485 or CAN.

Step-by-

Step Connection Guide1.

Prepare the Box and Cables

Open the indoor terminal box using the self-clipping cover. Identify the two RJ45 installation ports at the bottom of the box. Prepare fiber optic cables (single-mode or multi-mode) and hybrid optical-electrical cables if applicable.

2.



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Install Fiber Adapters

Choose the appropriate adapter type: SC or ST. Insert the adapters into the designated slots inside the box. Ensure the adapters are securely fixed to prevent movement or damage to the fiber ends.

3.

Connect Fiber Cables

Strip the fiber cable carefully and attach pigtails if needed. Splice the fiber to the pigtails using a fusion splicer or mechanical splice. Place the splice joints into the protective splice tray inside the box.

Route any spare fiber neatly in the storage area to avoid bending or stress. 4. Connect RJ45 PortsFor network connections, insert RJ45 connectors into the two bottom ports.

Ensure proper wiring according to T568A or T568B standards depending on your network setup. 5. Integrate with Energy or Monitoring Systems (Optional)If using the Huijue Indoor Photovoltaic Energy Cabinet, connect the box to the battery management system (BMS) via RS485 or CAN for real-time monitoring and diagnostics.

Ensure all power connections are secure and follow safety guidelines to prevent overvoltage or short circuits. 6.

Final Checks

Close the box cover securely using the self-clipping mechanism. Verify all fiber and electrical connections are stable. Test network connectivity and, if applicable, energy system monitoring to confirm proper operation.

Tips and Safety

Avoid bending fiber cables beyond the minimum bend radius. Wear protective eyewear when handling fiber ends. Ensure the box is mounted in a dry, indoor environment to prevent moisture damage.

Follow manufacturer guidelines for modular capacity expansion or cooling options if integrating with energy storage systems. By following these steps, the Huijue indoor terminal box can be safely and efficiently connected for both fiber optic and network applications, with optional integration into smart energy management systems.

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Article Content

RRU5909&RRU5309&RRU5309w&RRU3959a Installation Guide

Connect the M6 OT terminal at one end of the PGND cable to the ground terminal at the RRU bottom and the M8 OT terminal at the other end to the external ground bar, as shown in Figure 1.

RRU3939 Installation Guide (02) (PDF)

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Huijue Jiyue Distribution Box Installation

In this guide, we''ll break down everything you need to know to install a distribution box correctly and confidently. Choose the right box based on environment (indoor/outdoor), load capacity, and durability.

Installation Guide

This document describes how to install the modules and cables for the BBU, DCU, RHUB, pRRU3901, pRRU3902, and pRRU3907 indoors. It also provides checklists for hardware installation.

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Fiber Terminal Box GZ-IDP-A2

The box cover and bottom adopt "self-clipping" design, which is beautiful, simple and suitable for indoor wiring installation. It is especially suitable for the wiring construction of hybrid optical and electrical

Indoor Station Quick Guide

Connect the power cable and network cable to the rear panel correctly (see Dimensions and Structure for details). Fix the indoor station and bracket: Align the slots on the indoor station with the four legs

How to install fiber terminal box?

The installation of the fiber optic indoor terminal box (FTTH terminal box) requires certain professional skills. If you do not have relevant experience and skills, it is recommended to ask a professional to

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Installation Guide

Before installing an RRU, you must be familiar with its exterior, ports, installation options, physical supports, and installation clearance requirements. This chapter describes how to unpack and check

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FTTH box: applicable for indoor optical and electrical universal terminal box; The box cover and bottom adopt "self-clipping" design, which is beautiful, simple and suitable for indoor wiring installation. It is

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