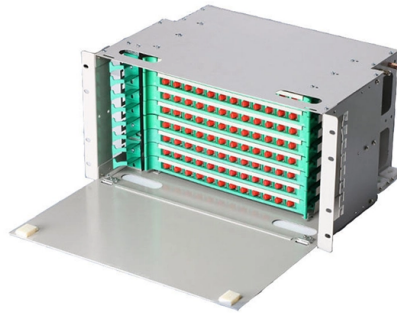


Installation method of optical fiber splitter box



Article Overview

An optical fiber splitter box installation involves mounting the box, securing the splitter, routing fibers through adapters, and coiling excess fiber while maintaining bend radius and testing connections.

Conceptual Installation Steps

- Select and Mount the Box
- Choose a suitable fiber splitter box (wall-mount, underground, or handhole) based on port count and IP rating ().
- Drill holes at the installation site and secure the box using expansion screws or bolts ().
- Ensure the box is grounded if required.
- Prepare Tools and Materials
- Required tools: impact drill, hand hammer, socket wrench, fiber strippers, fusion splicer, cleaning kit, and adapters ().
- Materials: fiber optic cables, PLC splitter (bare, mini, or ABS type), adapters, and protective sleeves ().
- Install the Fiber Splitter
- Place the PLC splitter inside the box on a dedicated card slot or protective clamp ().
- For bare or mini splitters, use the steel tube to protect the chip and secure it in the slot ().
- Connect the input fiber to the splitter input port and output fibers to the output po...

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