

How to connect a China Unicom optical splitter



AI Overview

To add a China Unicom optical splitter, install it in a designated distribution box, connect the input fiber from the central office or optical terminal, route output fibers to user endpoints, and test signal strength to ensure proper operation.

Step 1: Choose the Splitter Type and Location

Optical splitters can be primary or secondary. Primary splitters are typically installed in central office rooms, cell computer rooms, or optical transfer boxes, while secondary splitters are placed in optical distribution boxes or community crossover boxes for residential deployment . For indoor residential setups, consider locations such as the building's weak current well, floor wiring box, or corridor distribution points . Ensure the splitter type (e.g., PLC or FBT) matches the network requirements.

Step 2: Prepare the Fiber Cables

- Verify that the drop cable RX optical power meets China Unicom standards before installation .
- Remove protective caps from SC/APC connectors and clean fiber ends to prevent signal loss .
- Route optical cables through in-wall pipes or conduits using a spring wire threader or pull tape if necessary, prioritizing existing cables like telephone or network lines .

Step 3: Install the Splitter...

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To attach the clips to the DIN rail, hook the bottom of the clips around the bottom of the DIN rail and then push the top of the clips

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Plug the input fiber into the splitter's input port (marked "IN" or "E") and connect the output port to the end device. Use

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