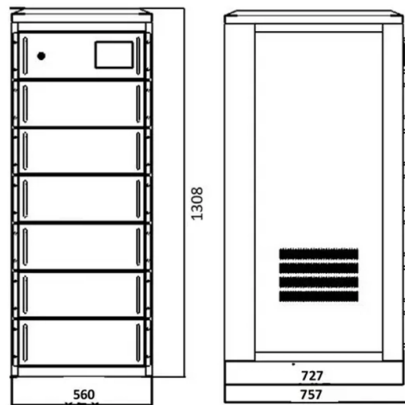


Sc In-home fiber optic panel



AI Overview

SC in-home fiber optic panels are wall-mounted or rack-mounted enclosures used to terminate, splice, and manage fiber optic cables in residential settings. Overview SC (Subscriber Connector) fiber optic panels are designed to provide a neat and organized solution for indoor fiber terminations. They allow homeowners or installers to connect incoming fiber optic cables to drop cables or pigtails, ensuring reliable signal distribution throughout the home. These panels are commonly used in FTTH (Fiber to the Home) installations. Types and Configurations Wall-Mounted Panels: Compact and lightweight, these panels are ideal for residential use. They typically feature 2, 4, 6, 8, 12, or 24 ports depending on the number of fiber connections required. They include a hinged cover for easy access and may come with pre-installed SC/UPC couplers and pigtails for immediate use. Rack-Mounted Panels: Designed for higher-density installations, these 19" rack-mounted panels come in 1U, 2U, or 3U sizes and can be configured with 8, 12, or 24 SC ports. They are suitable for homes with larger fiber networks or small multi-dwelling units. Features Splice and Patch Management: Panels include trays or compartments for managing fiber splices and excess cable length, reducing the risk of damage and signal loss. Port Numbering and Adaptability: Ports are usually numbered for easy identification, and panels can accommodate different connector types if needed. Included Accessories: Many panels come with screws, heat-shrinkable sleeves, and pre-installed pigtails, making installation straightforward. Material and Finish: Panels are typically made from mild steel with powder-coated finishes for durability and aesthetic appeal. Installation and Use SC in-home fiber panels are generally mounted on walls in utility rooms, closets, or media cabinets. They serve as the central point for connecting the incoming fiber line to internal home cabling, allowing for easy maintenance and future expansion. The panels support both single-mode and multi-mode fibers, depending on the net...

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[Tai Ming]Enclosure Fiber Panel Box 2-Core SC/ Type Double Port Fiber ...

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