

Article Overview

The Fiber Optic 86 Panel LC is a wall-mounted, indoor fiber outlet designed for LC duplex connectors, ideal for FTTH and structured cabling applications.

Overview

The 86 Panel LC is a standard 86x86mm wall-mounted fiber outlet that accommodates LC duplex adapters, providing a neat and secure termination point for fiber optic cables in residential, commercial, and enterprise networks . It is commonly used in Fiber-to-the-Home (FTTH) installations, office workstations, and indoor structured cabling systems .

Key Features

- o Connector Type: Pre-installed LC duplex adapter, supporting low insertion loss ($\leq 0.3\text{dB}$) for stable signal transmission .
- o Housing Material: Flame-retardant ABS, compliant with RoHS, CE, and FCC standards .
- o Design: Angled port surface reduces fiber bending loss and protects connectors from physical stress .
- o Installation: Fits standard 86x86mm wall junction boxes, allowing quick and universal installation .
- o Cable Management: Concealed routing ensures neat indoor cabling, minimizing exposed fibers and improving aesthetics .

Applications

- o Residential FTTH: Provides a clean optical termination interface in apartments, villas, and smart homes, ensuring reliable fiber connections .
- o Enterprise Networks: Wall-mounted LC outlets at workstations reduce exposed cables and protect connectors from accidental disconnection .
- o Telecom and Data Centers: Suitable for indoor structured cabling where LC connectors are used for backbone-to-horizontal or horizontal-to-device connections .

Variants and Compatibility

- o Single-Port vs Dual-Port: Panels are available with single or dual LC ports, depending on the number of fiber connections required .
- o SC/LC Hybrid Panels: Some 86-type panels support both SC and LC connectors for mixed network environments .
- o Customization: OEM and bulk orders are supported for specific network requirements .



Fiber Optic Panel 86-type lc

Advantages

- o Reduces fiber bending loss and physical stress on connectors.
- o Ensures stable Gigabit signal transmission.
- o Provides aesthetic and organized cabling for indoor environments.
- o Compatible with standard wall boxes for easy installation and maintenance. The Fiber Optic 86 Panel LC is a reliable solution for indoor fiber termination, offering both performance and convenience for FTTH, office, and enterprise structured cabling applications.

Hero image 0 of Fiber Optic Panel Terminal Junction Box 86 Information Panels,86 Desktop Box, 0 of 10

Fiber optic patch panel provides secure, neat and orderly storage for the direct terminated optical fibers

Fiber patch Panel 1U is delivered with a length of pre-terminated cable that is spliced to the incoming cable at another location. Can

Type 86 fiber optic panel: 1688 wholesale preferred, a smart choice for efficient wiring

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Explore LC fiber optics in depth: LC connectors, LC patch cables, uniboot designs,

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