

Introduction

FTTH Distribution Box also named Home Network Box is designed for the FTTx project and provide mechanical protection for fiber management system that include the functions of patching, splicing, PDU and passive optic components integration indoor or outdoor environments. It is used as a termination point for the feeder cable to connect with drop cable in FTTx network system. It integrates fiber splicing, splitting, power, patch panel, storage and cable connection in one solid protection box.



Application

FTTH Distribution Box is an indoor or outdoor are necessary for almost all networks. Our high-quality FTTH distribution box is suitable in home or office and it is able to provide end users with optical access, power and data access. due to the variety of home distribution box installation requirements, a fiber optic connector such SC, ST, LC, FC and copper patch panels and more.

- Ideal for FTTH Termination box
- In-House termination box
- Optical communication networks
- PON communication networks
- Video communication networks
- LAN networks

Operation Features

FTTH Distribution Box is an indoor or outdoor terminal box applied in the FTTx network to connect the drop cable and optical devices through fiber port. This fiber wall terminal box is made of high-quality powder coated cold rolled steel and designed for use in residential and business applications for the termination of up to 24 UTP ethernet cable, PDU and fiber termination. It can hold max 4 simplex adapters. It is available for the distribution and terminal connection for various kinds of optical fiber system, especially suitable for FTTx network terminal distribution.

- Made of powder coated cold rolled steel
- Integrated with splice cassette and cable management rods
- Compact structure and perfect fiber management
- 19" UTP Patch Panel and PDU optional
- Available up to 24 ports
- Suitable for the fusion splice or mechanical splice
- Fiber connector types FC, SC and LC etc.
- High reliability and reasonable inner space design
- Customer connectors are available upon request



Mechanical Performance Test compliance:

- Fiber Solution: 4 port fiber termination box (option)
- Fiber Mode: Singlemode or Multimode
- Connector type: SC, FC, ST, LC etc.
- Polish Interface Type: PC, UPC, APC
- LAN Solution: 19" UTP Patch Panel (option)
- Power Solution: 19" PDU up to 8 outlets (option)
- Size (H×W×D): 550*540*120mm other dimensions are available
- Entry ports and cable diameter: 12×φ25mm from top and bottom other custom are available
- Material: High-quality powder coated cold rolled steel material
- Installation Models: Wall Mounted or Flush Mounted
- Operation Temperature: -20 to +60°C

Ordering Information

Product Code	Description
LN-LW-FOHNB-E-hhh-www-ddd	FTTH Home Network Box Embedded Flush mounted with dimension (H×W×D) mm
LN-LW-FOHNB-W- hhh-www-ddd	FTTH Home Network Box Wall mounted with dimension (H×W×D) mm

*** Note:**

hh: For the Home Network Box height mm such as "600 or 550 or 400" mm, etc.
ww: For the Home Network Box width mm such as "550 or 500 or 400" mm, etc.
dd: For the Home Network Box depth mm such as "100 or 120 or 140" mm, etc.

Other Dimensions are available with customized configuration

Notice: The data in this document are only reference and will be changed without any notice.
This specification is intended as a guide only.