

# Fiber Optics Distribution Box

GP31-2P24D

## Overview

LongXing GP31-2P24D distribution box is used as a termination point for the feeder cable to connect with drop cable in FTTx communication network system. The fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTx network building.

## Features

- Total enclosed structure.
- Material: PC+ABS
- Wet-proof, water-proof, dust-proof, anti-aging
- Protection level up to IP65.
- Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution all in one.
- Cable, pigtails, patch cords are running through own path without disturbing each other, cassette type SC adapter installation, easy maintenance.
- Distribution panel can be flipped up, feeder cable can be placed in a cup-joint way, easy for maintenance and installation.
- Cabinet can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor uses.
- The grounding device is isolated with the cabinet, isolation resistance is no less than  $1000M\ \Omega/500V$  (DC);  $IR \geq 1000M\ \Omega/500V$ .
- The withstand voltage between grounding device and cabinet is no less than  $3000V$  (DC) /min, no puncture, no flashover;  $U \geq 3000V$ .



## Dimensions and Capability

Dimensions (H*W*D)	317mm*237mm*101mm
Adapter Capacity	24 PCs
Number of Cable Entrance/Exit	Max Diameter 13mm, up to 3 cables
Weight	1 KG
Optional Accessories	Adapters, Pigtails, Heat Shrink Tubes, Micro Splitters
Insertion loss	$\leq 0.2dB$
UPC return loss	$\geq 50dB$
APC return loss	$\geq 60dB$
Life of insertion and extraction	$> 1000$ times



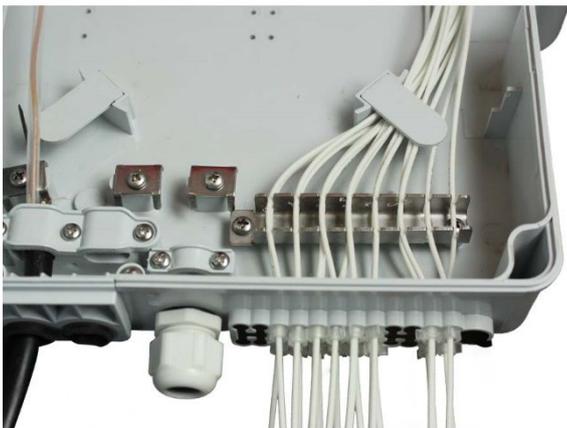
## Operation Conditions

Temperature	-40℃ -- +85℃
Humidity	93% at 40℃
Air Pressure	62kPa – 101kPa

## Shipping Information

Package Contents	Distribution box, 1 unit; Keys for lock, 1keys Wall mount installation accessories, 1 set
Package Dimensions(W*H*D)	380mm*300mm*160mm
Material	Carton box
Weight	1.5 KG
Lead Time	10-15 working days normally

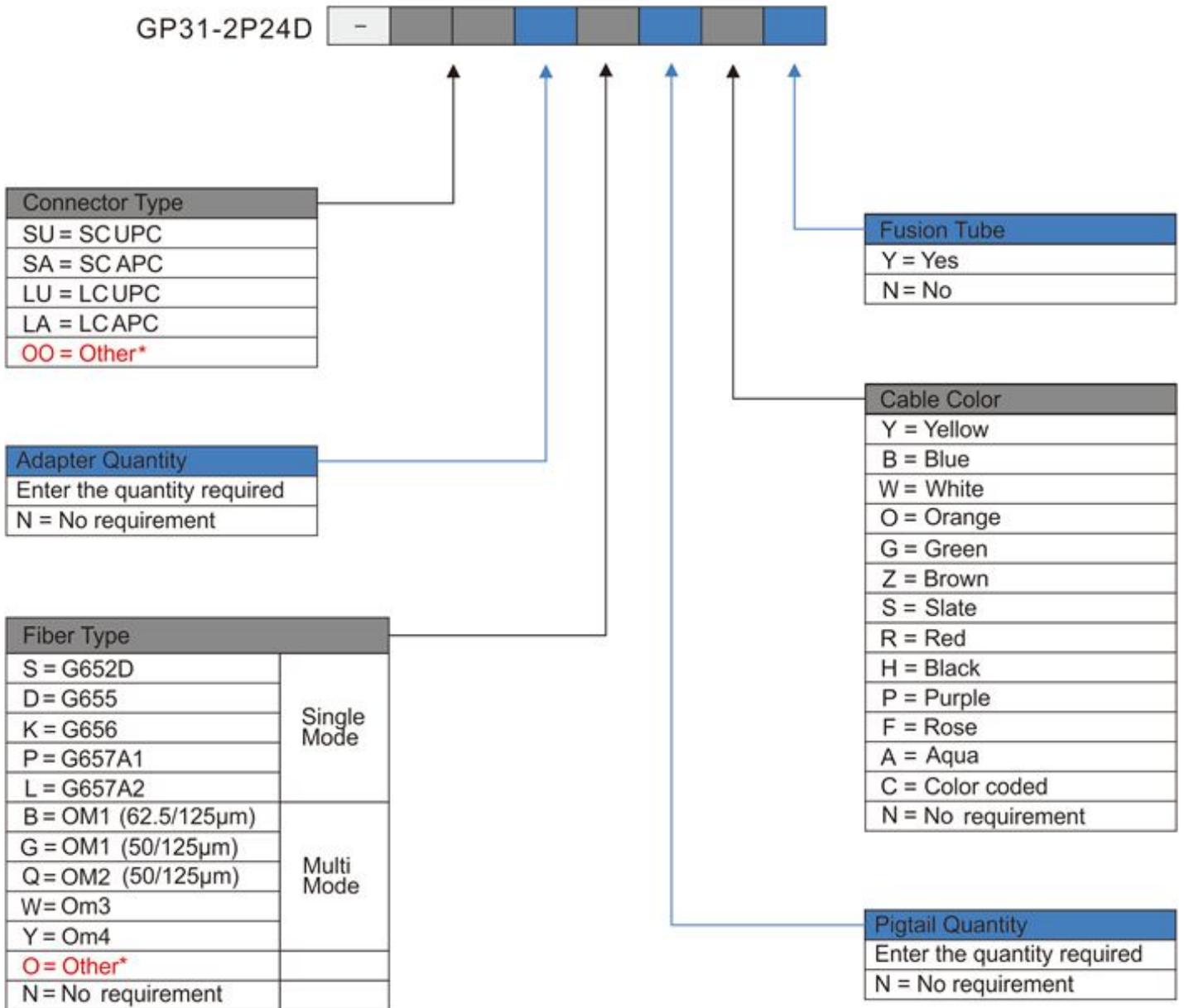
## Part Details



# Catalog Number

To order fiber optics distribution box only is GP31-2P24D.

To order fiber optics distribution box with accessories the LongXing catalog number is compiled as follows:



## Ordering Example:

GP31-2P24D-SU4S4YN SCUPC, 4 Adapters, G652D, 4 Pigtails, Yellow cable, No fusion tubes

**Note:** \*Cable diameter is 0.9mm.

If the required type of any item is not on the relevant list, please use "O" or "OO" as the red cells indicate, and kindly state the required type in the description of PO.

