# Fiber Optics Terminal Box

## GP31-2M96B

## Overview

LongXing GP31-2M96B fiber optics distribution cabinet is currently being widely used for distributing outdoor optical cable in indoor and outdoor conditions. It is very suitable for FTTx uses. This cabinet offers ideal environment for fibers to be spliced and well organized under outdoor environment.

## Features

- The cabinet has functions of cable termination, splicing, distribution and cross-connection.
- Solid and fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Two types: fillet type and square corner
- Easy installations: Wall mountable.
- Ideal for indoor uses – cable entrances & exits located on both top and bottom. Lock provided on every cabinet ensures the safety of the fibers.
- The central adapter board separates the incoming cables and the exiting fibers
- Central adapter board is movable for easier installation (for capacity over 48 cores.)
- Adapters are installed on our 6-position adapter holders, no screws need for installing any type adapters, which is very easy for future maintenance and keeps the transmission loss at low level.
- Adoptable adapter types: FC, SC, LC/Duplex

## Dimensions and Capacity

| Cabinet Type | Dimensions (W*D*H)mm | Capacity FC/SC adapters | Capacity LC (Duplex) adapter |
|---|---|---|---|
| **Square Corner** | 400×440×110 | 12 | 24 |
| | 460×480×125 | 24 | 48 |
| | 460×480×150 | 36 | 72 |
| | 460×480×150 | 48 | 96 |
| | 460×480×170 | 72 | 144 |
| | 460×480×220 | 96 | 192 |

## Operation Conditions

| | |
|---|---|
| Temperature | -30ºC - 75ºC |
| Humidity | ≤90% (at 30 °C) |
| Air Pressure | 70kPa – 106kPa |

## Shipping Information
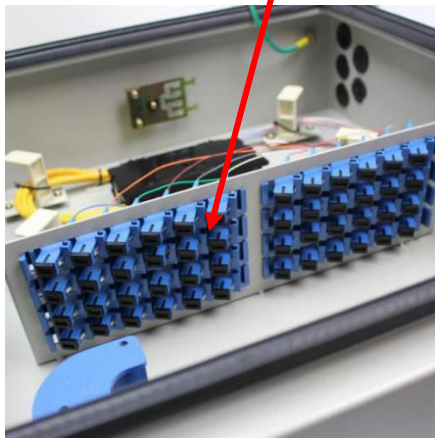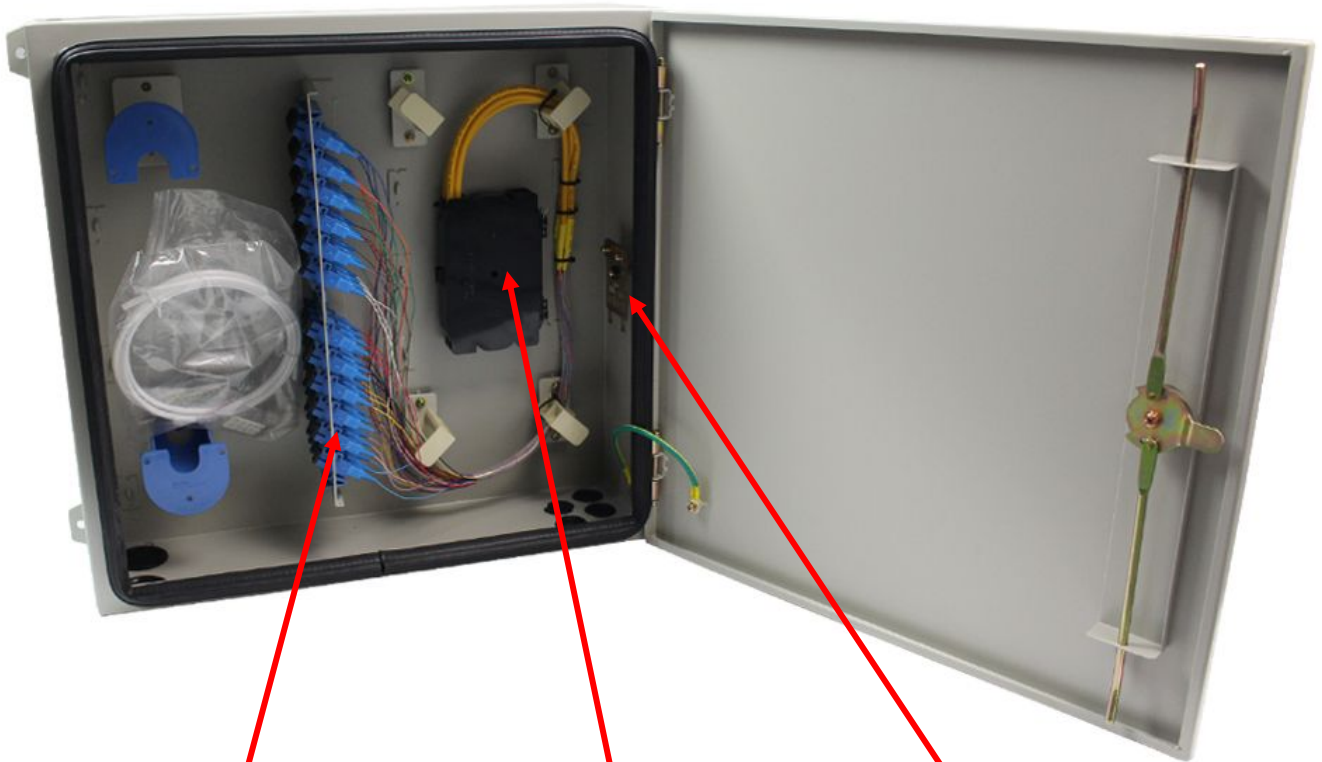
| | |
|---|---|
| Package Contents | Terminal box, 1 unit; Installation accessories, 1 set |
| Material | Carton box |
| Lead Time | 10-15 working days normally |

# Technical Drawing

Fiber management guides

Adapter holder

Adapter board

Cable gland/Hubble connector
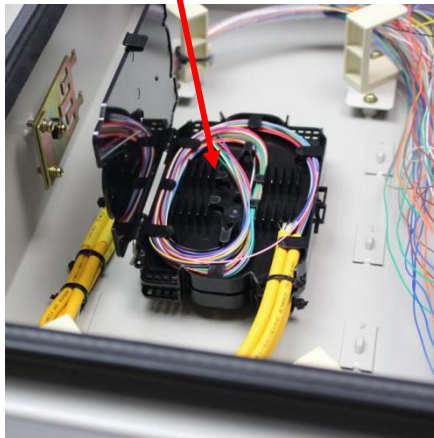
Splice tray

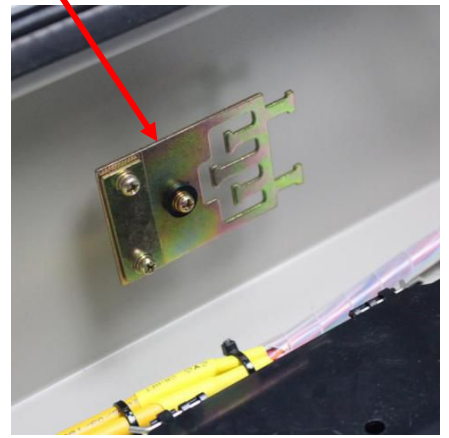Cable fixing unit

Locking mechanism
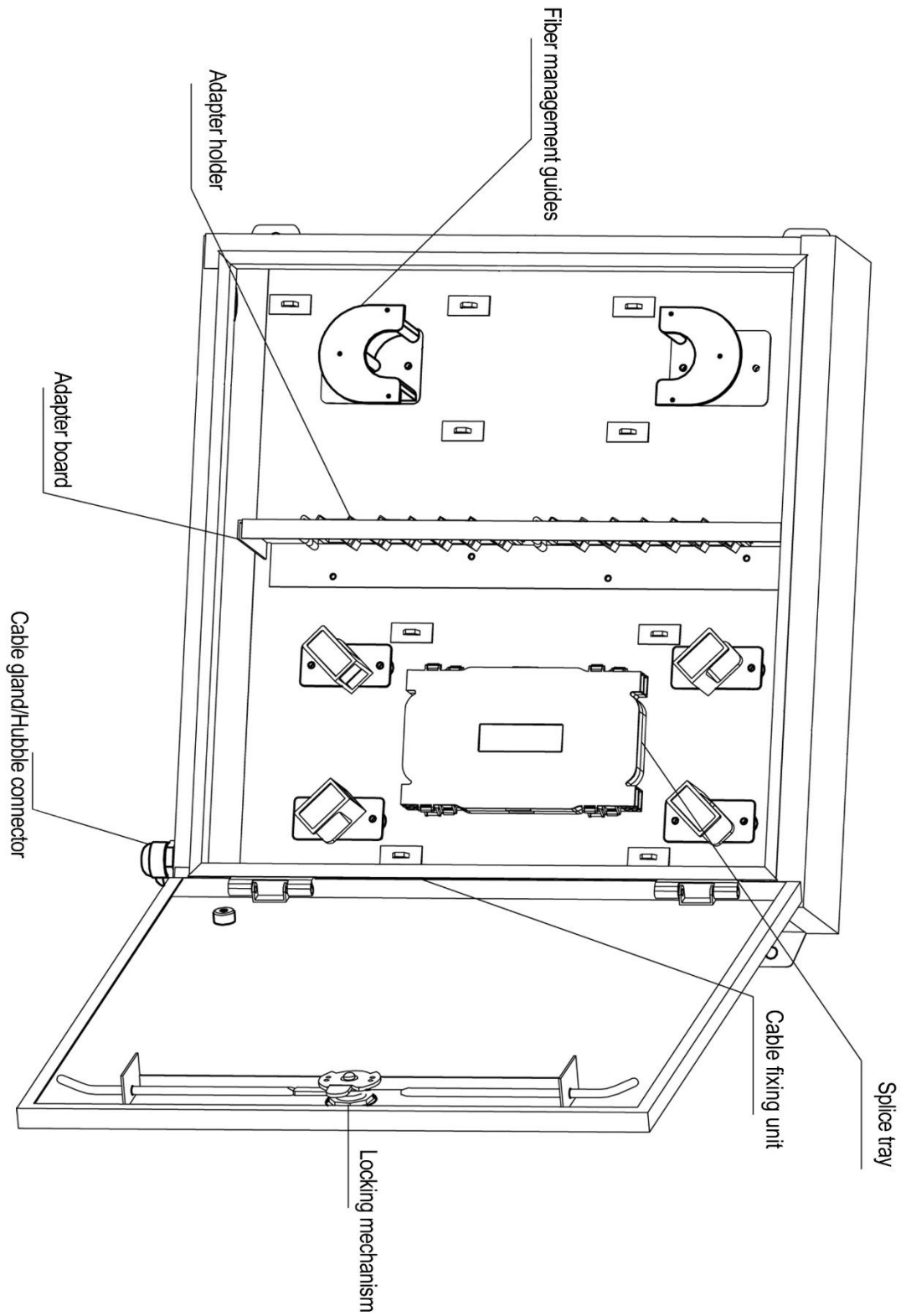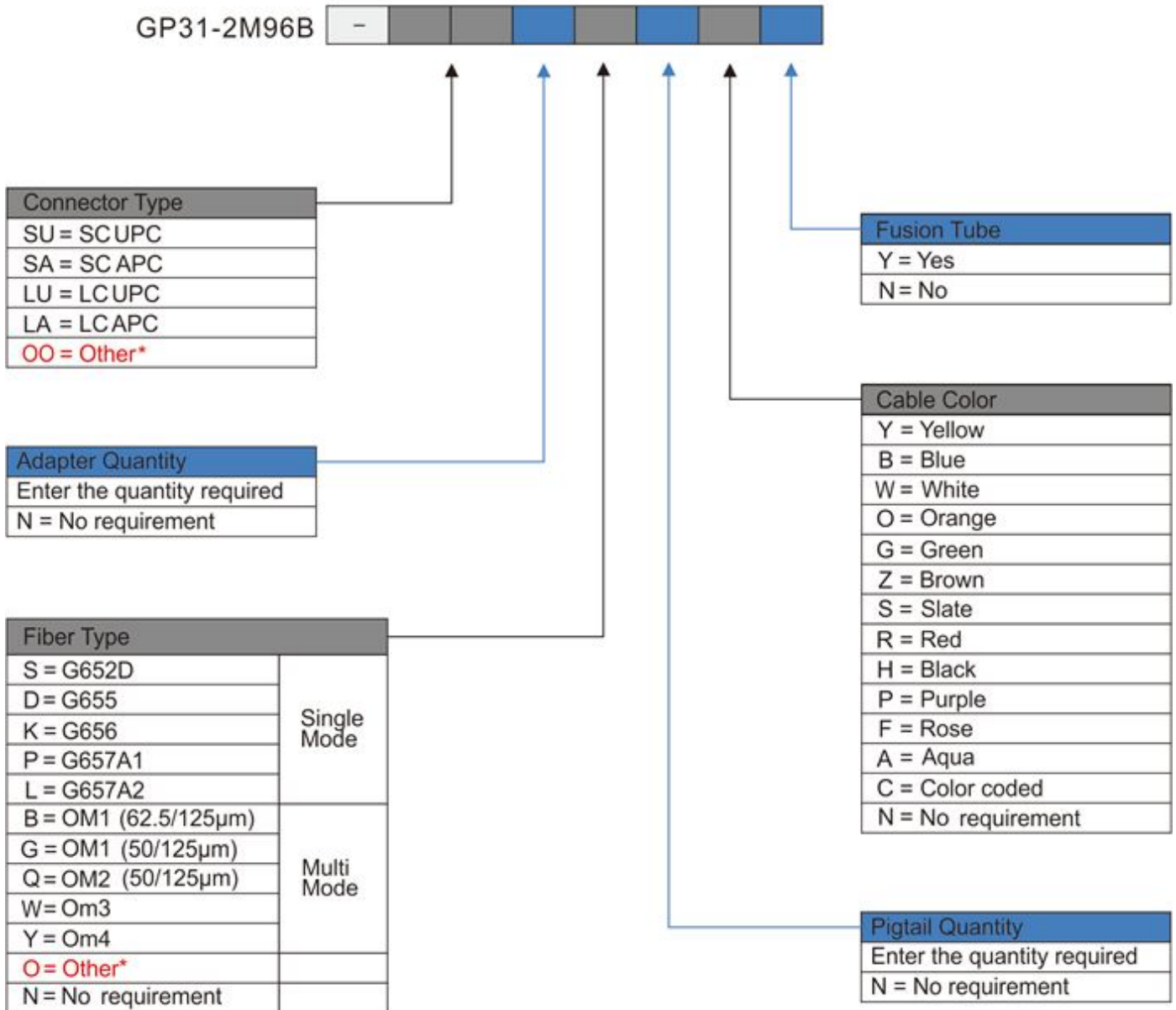
# Part Details



Adapter board

Splice tray

Cable fixing unit

# Catalog Number

To order fiber optics distribution box only is GP31-2M96B.
To order fiber optics distribution box with accessories the LongXing catalog number is compiled as follows:

GP31-2M96B – ☐ ☐ ☐ ☐ ☐ ☐ ☐

**Connector Type**

| | |
|---|---|
| SU = SC UPC | |
| SA = SC APC | |
| LU = LC UPC | |
| LA = LC APC | |
| OO = Other* | |

**Adapter Quantity**

| |
|---|
| Enter the quantity required |
| N = No requirement |

**Fiber Type**

| | |
|---|---|
| S = G652D | |
| D = G655 | |
| K = G656 | Single Mode |
| P = G657A1 | |
| L = G657A2 | |
| B = OM1 (62.5/125µm) | |
| G = OM1 (50/125µm) | |
| Q = OM2 (50/125µm) | Multi Mode |
| W = Om3 | |
| Y = Om4 | |
| O = Other* | |
| N = No requirement | |

**Fusion Tube**

| |
|---|
| Y = Yes |
| N = No |

**Cable Color**

| |
|---|
| Y = Yellow |
| B = Blue |
| W = White |
| O = Orange |
| G = Green |
| Z = Brown |
| S = Slate |
| R = Red |
| H = Black |
| P = Purple |
| F = Rose |
| A = Aqua |
| C = Color coded |
| N = No requirement |

**Pigtail Quantity**

| |
|---|
| Enter the quantity required |
| N = No requirement |

**Ordering Example:**

GP31-2M96B-SU4S4YN    SC UPC, 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.