

Fiber Optics Distribution Box

GP31-1P02D

Overview

LongXing GP31-1P02D Indoor Fiber Distribution Terminal provides Customer Premises Equipment applications with a compact and secure enclosure for connecting fiber cables within building entrance locations, communications closets, and other indoor environments. This mini style distribution box is widely applied in the FTTH network to connect drop cable and ONU devices through fiber port.

Features

- Used for different kinds of modules and applied to the working area subsystem.
- Embedded surface frame, easy to install and disassemble.
- With protective door and dusty free.
- With application of fiber SC/LC simplex, duplex and other different environment installed plate or flush plate.
- All modules are free of welding.
- Can do OEM for any customers and print requested LOGO.

Applications

- The telecommunication network, metropolitan area network, optical fiber communication system.
- Optical testing equipment/instrument.
- CATV optical fiber, optical fiber sensor.
- Optical fiber broadband access network, FTTH optical fiber.
- Optical fiber distribution frame, frame type and wall type optical fiber distribution unit.



Dimensions and Capability	
Dimensions (W*H*D)	86mm*155mm*23mm
Adapter Capacity	Accommodates 1 fibers with SC adapter 2 fibers with LC duplex adapters
Application	3.0 x 2.0 mm drop cable or indoor cable
Fiber Diameter	125 μ m (652 & 657)
Tight Cladding Diameter	250 μ m & 900 μ m
Applicable Mode	Single mode & Duplex mode
Tensile strength	> 50 N
Insertion loss	≤0.2dB (1310nm & 1550nm)
Output	1



Operation Conditions

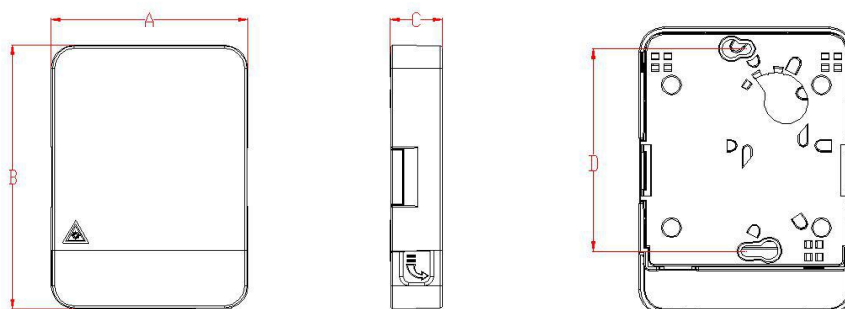
Temperature	-40°C -- +85°C
Humidity	90% at 30°C
Air Pressure	70kPa – 106kPa

Shipping Information

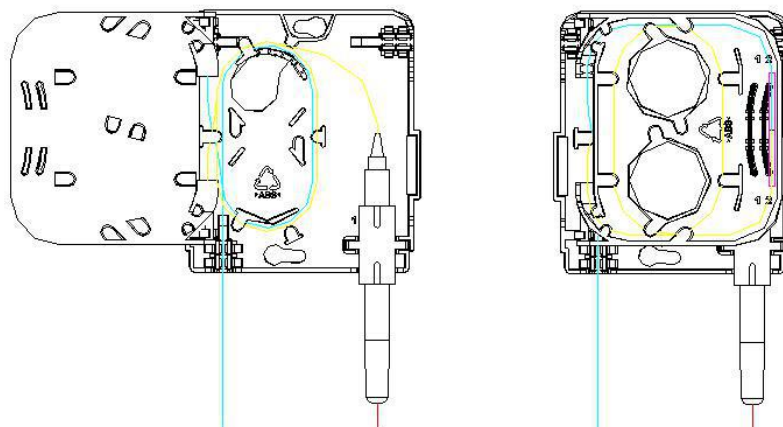
Package Contents	Mini terminal box, 1 unit; Wall mount installation accessories, 1 set
Package Dimensions(W*H*D)	100mm*210mm*35mm
Material	Carton box
Weight	0.65kg
Lead Time	10-15 working days normally

Configuration Table

Size	Max Capacity		Installation Size
	SC	LC	
A*B*C (mm)			D (mm)
86*115*23	1	2	81

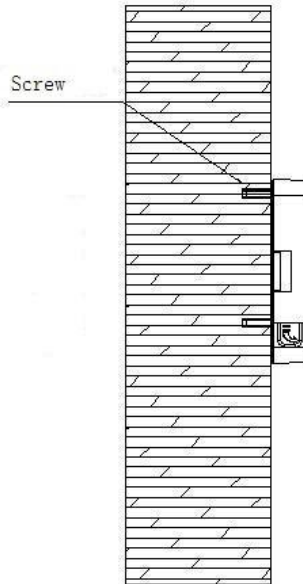


Inside Structure and Cable Ways

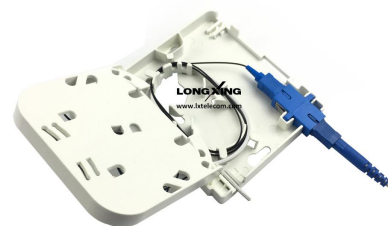


Wall-mounted Installation

Drill 2 holes over the wall based on the size in table 1, place the expansion bolt $\Phi 5.5 \times 30$, place the box to match up the holes and use bolt to fasten.



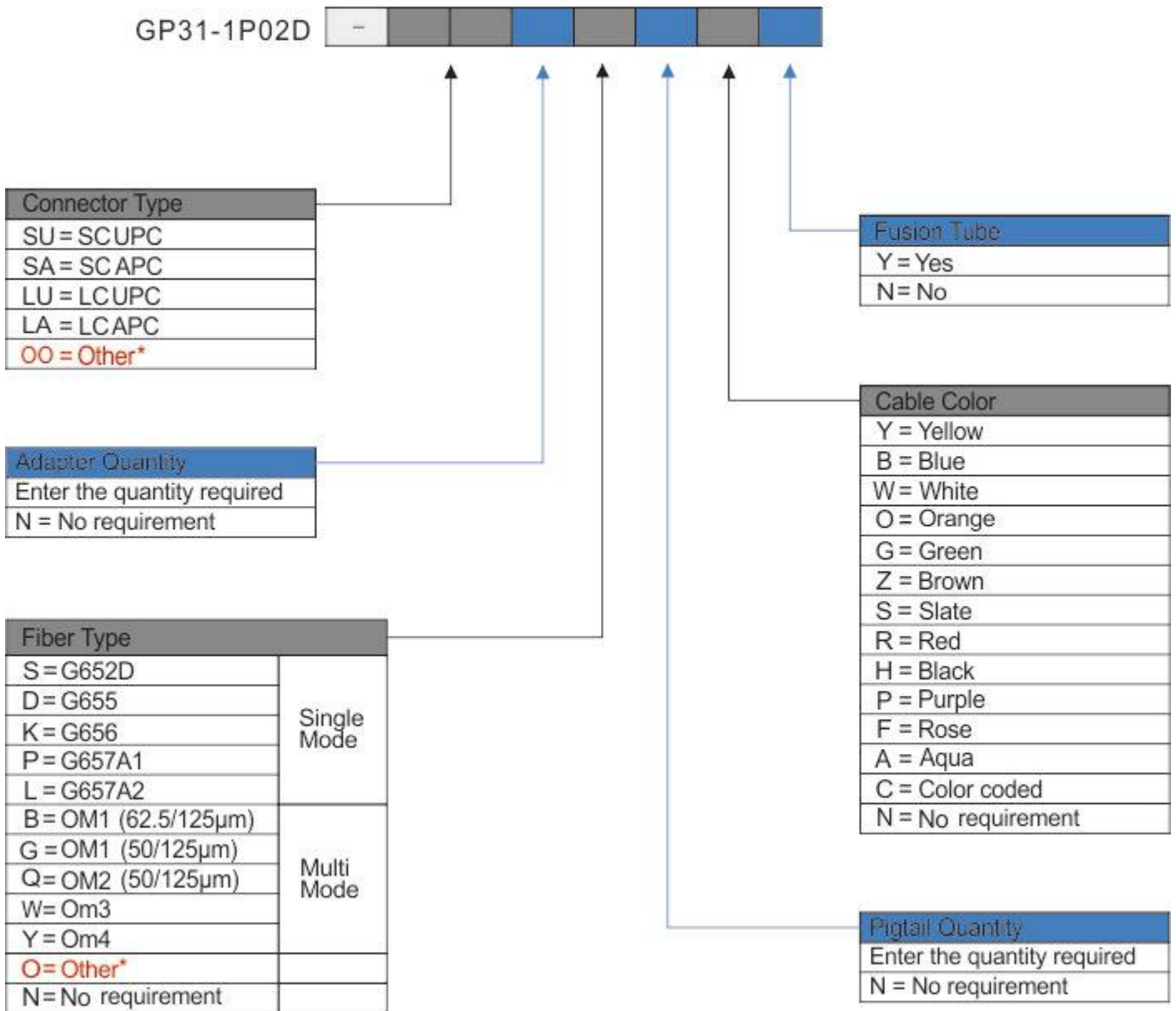
Part Details



Catalog Number

To order fiber optics distribution box only is GP31-1P02D.

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



Ordering Example:

GP31-1P02D-SU1SNNN SC UPC, 1 Adapter, G652D, No pigtails, No 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.

