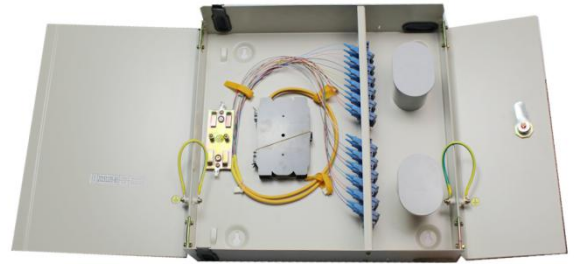# Fiber Optics Terminal Box

GP31-1M48A

Overview

LongXing GP31-1M48A   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*H*D)mm	Capacity FC adapter	Capacity SC adapter	Capacity LC(Duplex) adapter
	240x380x90	12	12	24
Filleted Corner	420x425x100	24	24	48
	420x425x100	24	48	96

Operation Conditions

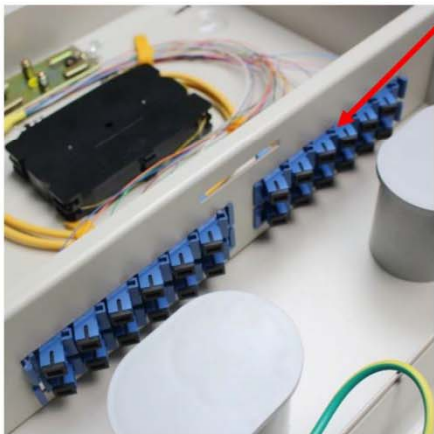| Temperature	-30ºC - 75ºC
Humidity	≤90%(at 30 ºC)
Air Pressure	70kPa – 106kPa

Shipping Information

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

Technical Drawing

Left door

Cable fixing unit

Splice tray
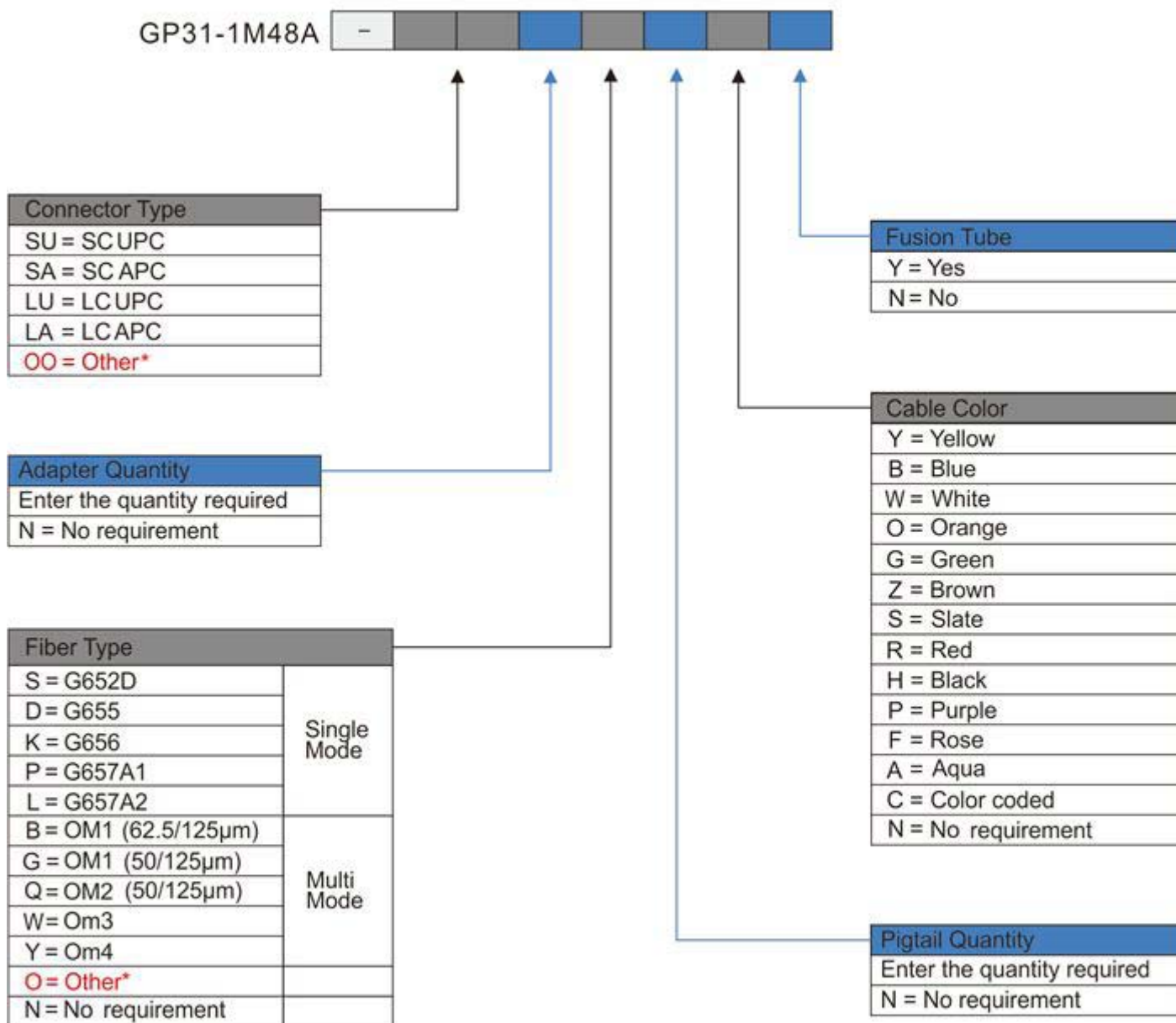
Adapter board

Right door

Locking mechanism
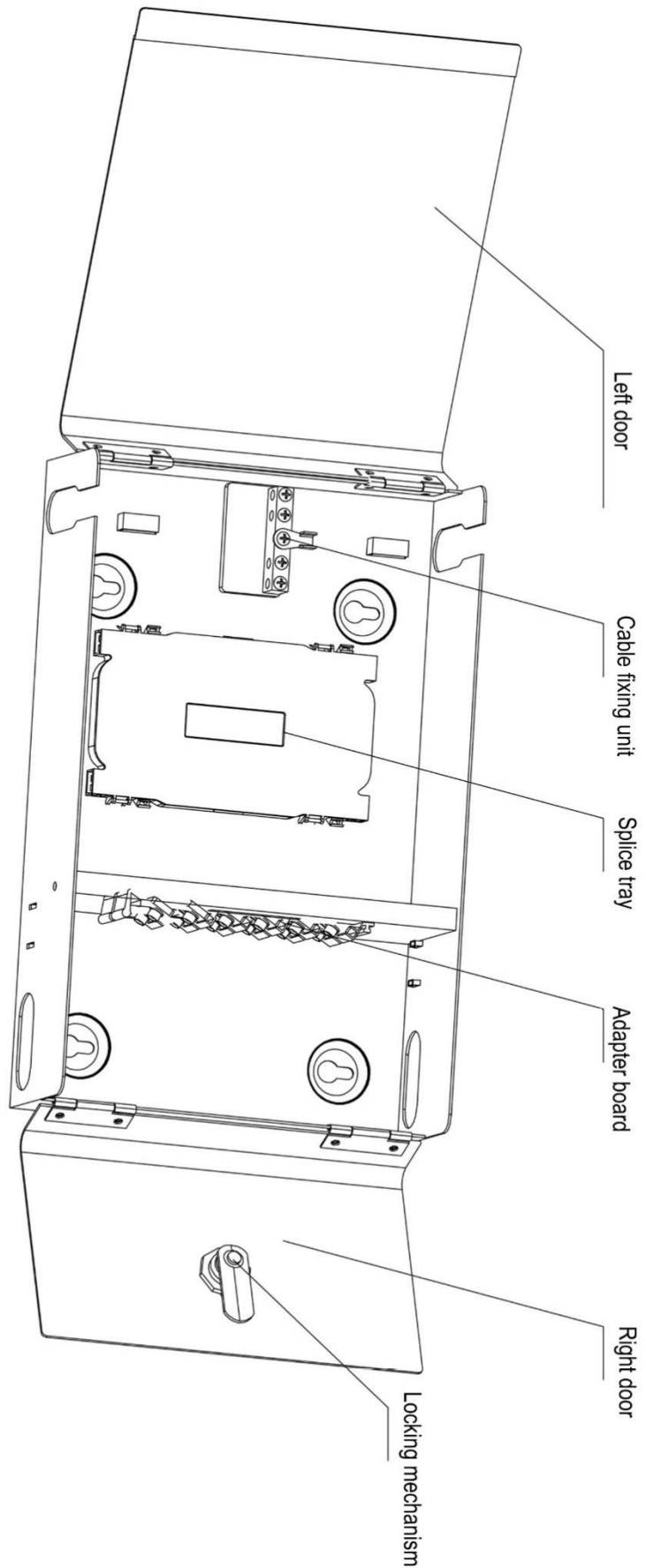
Part Details
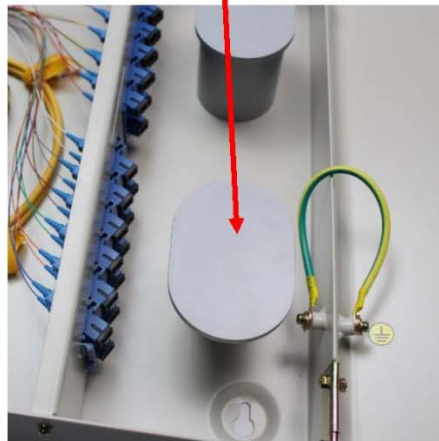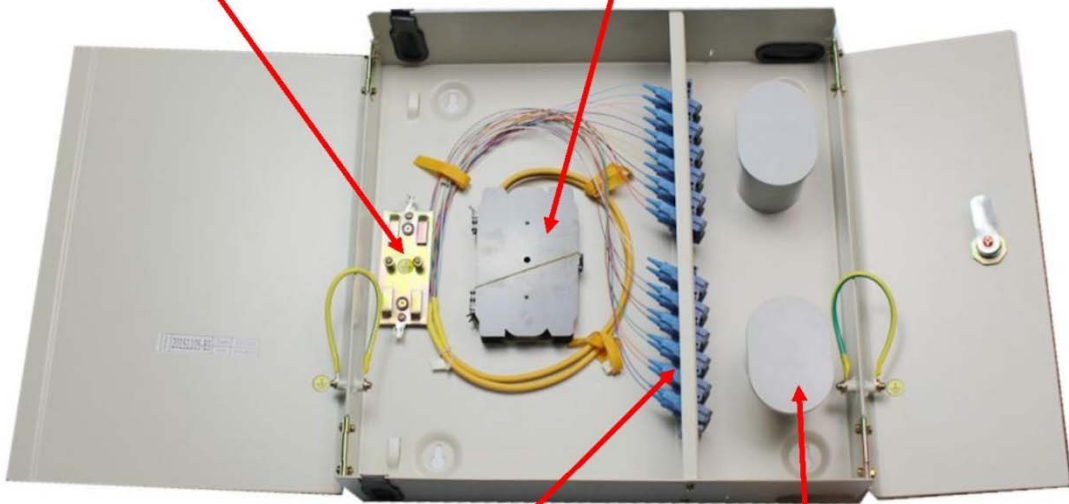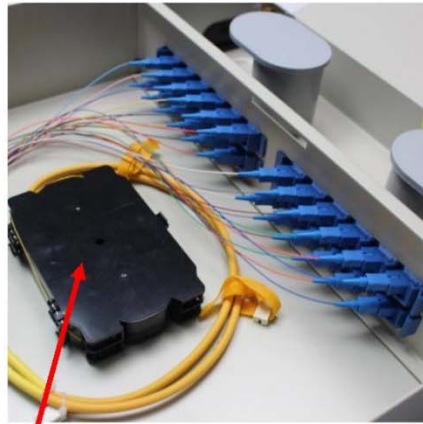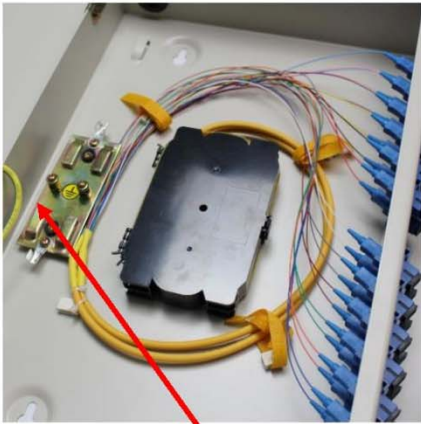
Catalog Number

To order fiber optics distribution box only is GP31-1M48A.
To order fiber optics distribution box with accessories the LongXing catalog number is compiled as follows:

GP31-1M48A – □ □ □ □ □ □

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:

GP31-1M48A-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.