Technical Specification

Fiber Optic Cable Access Terminal Panel

FTTH-808

Customer Approval

	Name	Signature	Date
Approved by			

Contents

1. General

1.1 Description

The equipment is used as a termination point for the drop cable to connect with ONU internal of apartment in FTTx communication network system. The fiber splicing can be done in this box, and meanwhile it provides solid protection and management for the FTTx network building.

Production type	Classification
FTTH-808	Fiber optic cable access terminal panel

Appearance of FTTH-808

1.2 Standards Comply

The product is designed, manufactured and tested according to the standards as follows:

ITU-T L.13	Performance requirements for passive optical nodes: Sealed closures for outdoor environments

1.3 Applications Environment

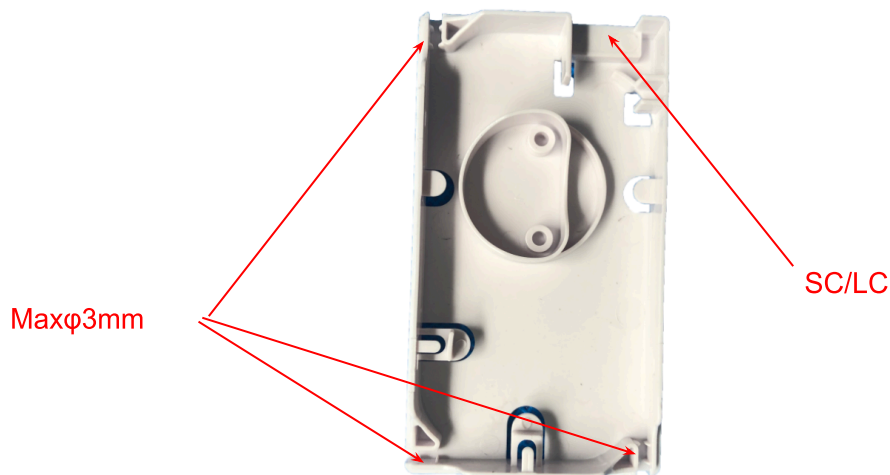| Item	Value
Operation temperature	-40 ºC~+60 ºC
Installation temperature	-5 ºC~+40 ºC
Storage temperature	-45ºC~+65 ºC

2. Characteristics

    1. Suitable for multi type module installation, application in the work area routing subsystem.

    2. The embedded surface box, installation, convenient disassembly with protective door, dust according to customer requirements can be printed LOGO.

    3. Made up of ABS+PC high quality engineering plastic material with excellent intensity.

    4. Application of optical fiber with SC, LC, DLC different environment bright dress, flush plate. A combination of all the modules can be according to customer selection and configuration.

    5. Can be opened and closed easily.

3. Specifications

3.1 Mechanical specifications

Item	Specifications	Note
External dimension(mm)	92*51*17.5	
Color	White	
Number of distribution cable ports	3	
Number of drop cable ports	1	
Fiber cable diameter of the input port(mm)	maxΦ3	
Fiber type of the output port	SC patch cored	
Capacity(Max)	1(SC)/2(LC)	
IP protection level	IP20	
Neutral salt spray test (NSS)	48h	

Maxφ3mm

SC/LC

3.2 Optical specifications

Item	Test Method	Specification	Note
Insertion loss(dB)	IEC61300-3-4-Method B	Maximum≤0.3dB	
Return loss(dB)	IEC61300-3-6-Method 1	APC≥60dB ，UPC≥50dB	
Random connection	IEC61300-3-4	Maximum≤0.3dB	
Repeatability	IEC 61300-2-2 500 cycles	During the test the difference between the initial measurement and each of the measurements after one cycle must be less than 0.20 dB, and should be cleaned otherwise, with a limit of 25 cleanings	

4. Configuration

4.1 Panel section

Part name	Unit	Quantity	Reference picture	Note
Box bottom	pcs	1		
Box cover	pcs	1		

4.2 Accessory section

Part name	Unit	Quantity	Note
Screws and rubber plugs	set	2	M4*30 Philips head screw, Φ6*30 rubber plug

5. Product Picture

FTTH-808 product picture

6. Package

Standard   Double corrugated carton, 520*470*305 mm, 100 in carton, about 6.5Kg