Technical Specification
Fiber Optic Cable Distribution Box

HTTB-X04B

Customer Approval			
	Name	**Signature**	**Date**
Approved by			

Contents

1. General

1.1 Description

The equipment 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.

Production type	Classification
HTTB-X04B	Fiber optic cable distribution box

Appearance of HTTB-X04B

1.2 Standards Comply

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

1.3 Applications Environment

Item	Value
Operation temperature	-40 ºC ~ +65 ºC
Installation temperature	-15 ºC ~ +40 ºC
Storage temperature	-45 ºC ~ +75 ºC

**2. Characteristics**

Can hold 1x4 PLC splitter

Up to 4 drop cable.

Up to 4 SC adaptors

1 inlet port(for cables with max diameter 8mm), 4 outlet ports.

Wall mounting.

ROHS compliance

Reusable

UV resistant and waterproof.

ROHS compliance

3. Specifications

3.1 Mechanical specifications

Item	Specifications	Note
Material of housing	High-strength PC+ABS	
Material of internal components	High-strength ABS	
Material of metal accessory	High-quality stainless steel	
External dimension(mm)	210*140*40	
Color	white	
Number of distribution cable ports	1	
Number of drop cable ports	4	
1 Main Cable Ports	1 cable port for 1 cable with max Ø 10 mm.	
Fiber cable dimension of drop port(mm)	φ3	
Capacity(Max)	12 Splices	
Max quantity splitter	1x4 PLC splitter	
simplex adaptors	4	

Max Φ10 mm

φ3mm
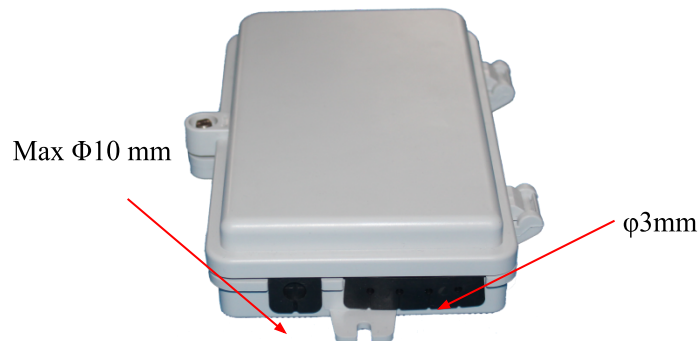
3.2 Optical specifications

Item	Test Method	Specification	Note
Insertion loss(dB)	IEC61300-3-4-Method B	Mean≤0.1dB，Maximum≤0.3dB	
Return loss(dB)	IEC61300-3-6-Method 1	APC≥60dB，UPC≥50dB	
Random connection	IEC61300-3-4	Mean≤0.15dB，Maximum≤0.3dB	
Splitter		Refer to insert type splitter technical specification	
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
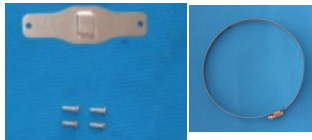
4.1 Optical splice trays

No	Model	Pic	Capacity	Note
1	T042C		12F(2 layers)	

4.2 Accessory section

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=45mm（T042C）
2	Installation manual		1pc	English

4.3 Optional Accessories

No.	Name	Model	Reference picture	Quantity	Remark
1	Pole-mounting kit	BZ11		1 set	
2	Wall-mounting kit			1 set	

5.Product Picture

HTTB-X04B product picture

6. Package

Standard   Double corrugated carton, 480*460*455 mm, 60 in carton, about 21.8 Kg.