

Technical Specification

Fiber Optic Cable Distribution Box

HTTPB-X04

Customer Approval			
	Name	Signature	Date
Approved by			

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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-X04	Fiber optic cable distribution box



Appearance of HTTB-X04

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
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1.3 Applications Environment

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

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 weather proof.
ROHS compliance

3. Specifications

3.1 Mechanical specifications

Item	Specifications	Note
Material of housing	High-strength PC+ABS	
Material of internal components	ABS	
Material of metal accessory	High-quality stainless steel	
External dimension(mm)	210*140*40	
Color	Gray, black, 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 \varnothing 10 mm.	
Fiber cable dimension of drop port(mm)	\varnothing 3	
Capacity(Max)	4 Splices	
Max quantity splitter	1x4 PLC splitter	
simplex adaptors	4	



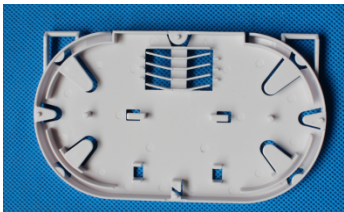
3.2 Optical specifications

Item	Test Method	Specification	Note
Insertion loss(dB)	IEC61300-3-4-Method B	Mean \leq 0.1dB · Maximum \leq 0.3dB	
Return loss(dB)	IEC61300-3-6-Method 1	APC \geq 60dB · UPC \geq 50dB	
Random connection	IEC61300-3-4	Mean \leq 0.15dB · Maximum \leq 0.3dB	
Splitter		Refer to insert type splitter technical specification	
Repeatability	IEC 61300-2-2	During the test the difference	



	500 cycles	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	
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4. Configuration

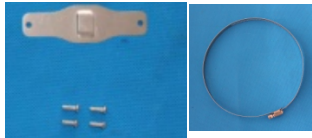

4.1 Optical splice trays

No	Model	Pic	Capacity	Note
1	T042A		4F(1 layer)	

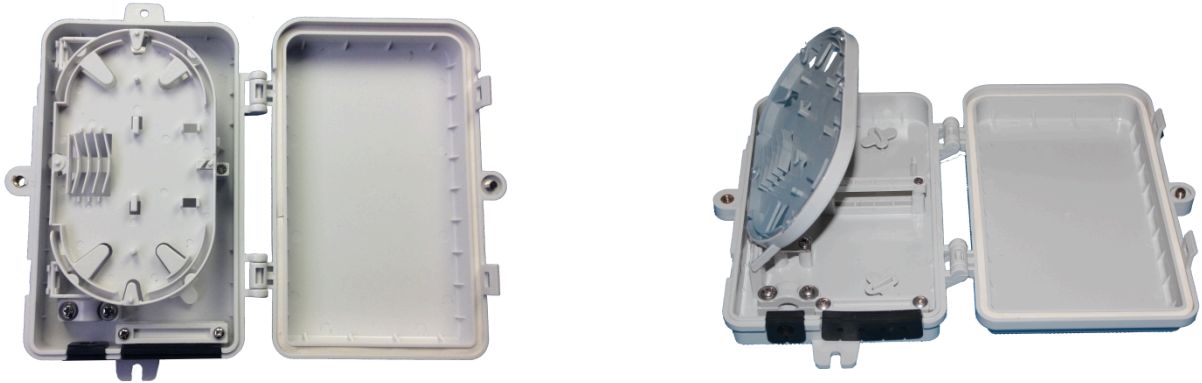
4.2 Accessory section

No.	Name	Reference picture	Quantity	Remark
1	Heat-shrinkable protection sleeve		1 bag	L=45mm (T042A)
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-X04 product picture

6. Package

Standard

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