



# Sales Catalog of HNK Telecommunication Products

## Fiber Optic Cable Termination Box

### Fiber Optic Cable Termination Box Series

Fiber Optic Cable Termination Box series are designed for use in residential and business applications, we offer a wide range of different termination boxes for all adapter types which provides a flexible solution to the user. The units can be quickly installed within an office, house or communication room environment.

#### Standards Compliance

- TIA/EIA 568.C, Optical Fiber Cabling Components Standard.
- IEC61754, Fiber optic connector interfaces Standard.
- ANSI/TIA/EIA-606-A (Administration Standard for Telecommunications Infrastructure.)
- GR-449-CORE (Generic Requirements and Design Consideration for Fiber Distributing Frames. )
- UL 94 (Tests for Flammability of Plastic Material for Parts in Devices and Appliances. )
- RoHS (Directive on Restriction of Hazardous Substances. )

#### Features

- Fiber Optic Termination Boxes are light and compact whilst maintaining adequate fiber storage needs and minimum bend radii.
- Termination Boxes can be wall or pole-mounted and have a variety of core capacities and adapter types available.

#### Ordering Information

Using the available configurations amend/create product codes using the formula below.

Part Number: XX-AA-BBC-(DCLEF)

#### Ordering Guide

XX	Termination box Type	<b>PTB</b> =Plastic Termination box, <b>MTB</b> =Metal Termination box
<b>AA</b>	Product ID	please see the reference below
<b>BB</b>	Port Capacity	<b>01</b> =1 Port, <b>04</b> =4 Ports, <b>16</b> =16 Ports
<b>C</b>	Configuration	<b>E</b> =only Termination box, <b>L</b> =With Adapters, <b>F</b> =With Adapters and Pigtails
<b>D</b>	Adapter Connector Type	<b>FP,SP,SA,LP</b>
<b>CL</b>	Adapter Color(CL)	<b>BL</b> /Blue for Singlemode PC Standard, <b>BG</b> /Beige for Multimode Standard, <b>AQ</b> /Aqua for OM3 Standard, <b>GR</b> /Green for Singlemode APC Standard and <b>PU</b> /Purple for OM4 Standard (Metal Structure Unsuitable)
<b>E</b>	Fiber Type	<b>OM1</b> =62.5/125 OM1, <b>OM2</b> =50/125 OM2, <b>OM3</b> =50/125 OM3, <b>OM4</b> =50/125 OM4, <b>G652D</b> =9/125 G652D, <b>G657A</b> =9/125 G657A
<b>F</b>	Fiber Length	<b>05</b> =0.5M, <b>10</b> =1M

#### Adapter Connector Type Code

Code	Connector	Code	Connector	Code	Connector	Code	Connector
<b>FP</b>	FC/PC	<b>FA</b>	FC/APC	<b>LP</b>	LC/PC	<b>LA</b>	LC/APC
<b>SP</b>	SC/PC	<b>SA</b>	SC/APC	<b>TP</b>	ST/PC	<b>TA</b>	ST/APC

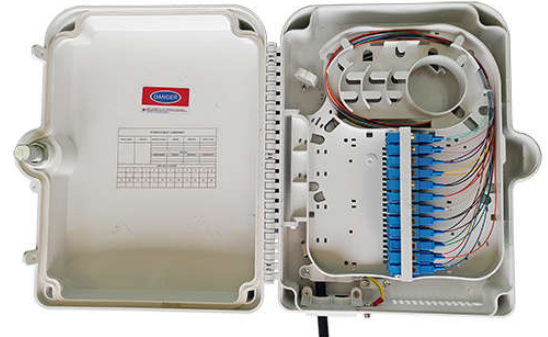
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## Fiber Optic Cable Termination Box

### 24 Ports Termination Box (PTB124-B)

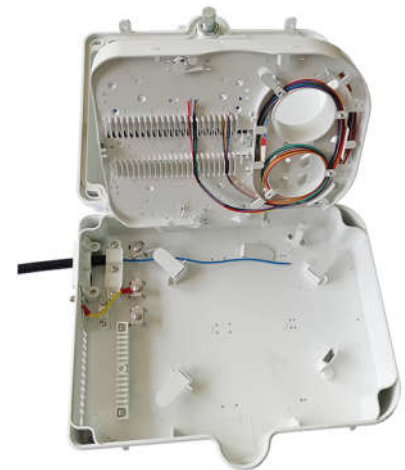
PTB124-B type termination Box is used in the terminal link of FTTx access system, Especially suitable for pole and wall mounting application. PTB124-B is the ideal equipment between optical node and terminal. With the function of mechanical splice, fusion splice, light splitting, fiber storage and wiring distributions.

This box terminates two  $\Phi 13\text{mm}$  input cables, offers spaces for Micro or boxed PLC splitters and up to 48 fusions, allocates 24 SC adapters and working under both indoor and outdoor environments.



### Product Features

- Wall mounted for indoor or out door, white or gray color, graceful style and good adaptability to environment.
- Made of high quality ABS+PC, anti-collision, flame retardant, resistance to impact.
- Total enclosed structure, Anti-UV, wet-proof, water-proof, dust-proof, anti-aging.
- Fit for 1x8, 2x8, 1x16 and 2x16 Micro or boxed PLC splitter assembly.
- Adapter panel used for mounting up to 24 SC simplex adapters.
- It has 2 cable input ports, 24 drop cable output ports and 1 earth bar part on the bottom of box.
- Openable input rubber ports structure, permits loop-through Max Diameter 13mm cable.
- 1 additional cable inlets, max diameter 20mm.
- The base and cover of the box adopts self-clip and "key lock" method, It is a safe structure that is easy to open and close.
- Reliable input cable, strength member and feeder/drop cable fastening system.
- Splice distribution tray receive flip type design simple to use, melting with complete separation of fine points fiber layout more reasonable.
- Input cable, pigtails, drop cables are running through own path without disturbing each other, easy maintenance.



### Specifications

Working Temperature	-25~+60°C	Storage Temperature.	-40~+70°C
Humidity	93%(+30°C)	Air Pressure	70KPa~106KPa
Size (H×W×D) mm	315x280x105	Weight (kg)	1.5
Color	White/Gray	Material	ABS+PC (ROHS standard)
Capacity (Cores)	24(SC simplex),48(LC duplex)	Splitter Type	Micro or boxed PLC splitter
Adapter Ports	24	Connect Models	Fusion splicing, Mechanical Splicing
Installation Models	wall or pole-mounted	Protective Level	IP65
Cable Input Ports	2	Input Cable Diameter	≤Φ13mm
Cable Output Ports	24	additional cable inlets	≤Φ20mm
Working Environment	indoor and outdoor	Curvature Radius (mm)	≥30

### Ordering Sample

Part Number	Description
<b>PTB124-B-24E</b>	24 ports PTB124-B type termination box, without adapter and pigtail.
<b>PTB124-B-24FSPBLG652D10</b>	24 ports PTB124-B type termination box with simplex SC/PC adapters and 1M singlemode SC/PC pigtails.