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

Adapter Connector Type Code

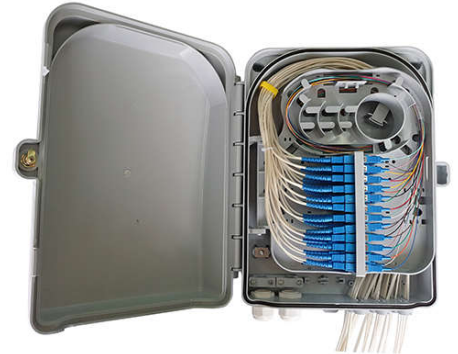| Code	Connector	Code	Connector	Code	Connector	Code	Connector
FP	FC/PC	**FA**	FC/APC	**LP**	LC/PC	**LA**	LC/APC
SP	SC/PC	**SA**	SC/APC	**TP**	ST/PC	**TA**	ST/APC

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Fiber Optic Cable Termination Box

24 Ports Termination Box
(PTB124-A)

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

This box terminates two Φ10-14mm input cables, up to 48 fusions, allocates 24 SC adapters and working under both indoor and outdoor environments.

Product Features

• Wall or pole mounted for indoor or outdoor, 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 PLC splitter assembly.

• Adapter panel used for mounting up to 24 SC simplex adapters.

• It has 2 cable input ports and 24 drop cable output ports on the bottom of box.

• 2 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.

• input cable and strength member fixing units structure, easy for maintenance and installation.

• 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	350 x 280 x 100	Weight (kg)	1.4
Color	White/Gray	Material	ABS+PC (ROHS standard)
Capacity (Cores)	24(SC simplex),48(LC duplex)	Splitter Type	Micro PLC splitter 1x8, 2x8,1x16, 2x16
Adapter Ports	24	Connect Models	Fusion splicing, Mechanical Splicing
Installation Models	wall or pole-mounted	Protective Level	IP65
Cable Input Ports	2	Cable Output Ports	24
Cable Glands Type	PG16/ M22x1.5	Input Cable Diameter	Φ10~Φ14mm
Working Environment	indoor and outdoor	Curvature Radius (mm)	≥30

Ordering Sample

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