



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 reference 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 Unsuitable)
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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16 Ports Termination Box (PTB116)

PTB116 is rugged, low cost, low profile interconnection between central office and multi-dwelling units of FTTX application. The design of TB116 combines the functionality of a local convergence cabinet with Terminal Box.

The multi-layer design allows installers to access only the components necessary for initial installation or subscriber turn-up. It can house the splitter and allows for pigtail splicing of distribution/drop cables as needed.



Product Features

- Wall or pole-mounted for indoor or outdoor, white color, graceful style and good adaptability to environment.
- Made of high quality ABS+PC, anti-collision, flame retardant, resistance to impact.
- Anti-UV, wet-proof, water-proof, dust-proof, anti-aging. • Fit for 1x4 , 1x8 and 1x16 PLC splitter assembly.
- It has 2 input ports and 16 output ports on the bottom and it is easy to install on the wall or pole.
- The rear tray is for splicing a fiber of feeder cable with PLC splitter and the front tray is for connecting subscriber's drop cable through adapter plate on the tray.
- Cable, pigtails, patch cords are running through own path without disturbing each other, easy maintenance.
- Distribution panel can be flipped up, feeder cable can be placed in a cup-joint way, easy for maintenance and installation.

Specifications

Working Temperature	-25~+60°C	Storage Temperature	-40~+70°C
Humidity	93%(+30°C)	Air Pressure	70KPa~106KPa
Size (H×W×D) mm	320x260x90	Weight (kg)	1.5
Color	White	Material	ABS+PC
Capacity (Cores)	16 (SC simplex), 32(LC duplex)	Splitter Type	Micro PLC splitter 1x8, 1x16
Adapter Ports	16	Connect Models	Fusion splicing, Mechanical Splicing,
Installation Models	wall or pole-mounted	Protective Level	IP65
Cable Input Ports	2	Cable Output Ports	16
Cable Glands Type	PG13.5	Cable Diameter	Φ5~Φ9mm
Working Environment	indoor and outdoor	Curvature Radius (mm)	≥30

Ordering Sample

Part Number	Description
PTB116-16E	16 ports PTB116 type termination box, without adapter and pigtail.
PTB116-16FSPBLG652D10	16 ports PTB116 type termination box with simplex SC/PC adapters and 1M singlemode SC/PC pigtails.