



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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12 Ports Termination Box (PTB112)

PTB112 offers the ability to terminate 12 fibers for indoor and outdoor FTTx network applications. It adopts a slid lock design, Multi-function, integrates fiber splicing, cable storage and bend radius protection.



Product Features

- Made of high quality ABS, anti-collision, flame retardant, resistance to impact. All the materials complied with ROHS standard.
- Wall mounted for indoor or outdoor, protective Level is IP65.
- Up to 12 fibers, SC simplex, DL duplex adapter options available.
- With 1 PG13.5 standard cable glands fit for 5~9mm loose tube, tight buffer, pre-terminated cable.
- Reliable incoming cable strength member fastening system.
- Splicing tray with color mark sticker, effectively prevent the miss-operation.
- Remarkable laser warning identification.
- Easy operation, saving installation working hours, lower costs.



Specifications

| | | | |
|-------------------------|--------------------|-------------------------|---|
| Working Temperature | -25~+60°C | Storage Temperature | -40~+70°C |
| Humidity | 93%(+30°C) | Air Pressure | 70KPa~106KPa |
| Size (H×W×D) mm | 210 x 170 x 50 | Weight (kg) | 0.5 |
| Color | White | Material | ABS |
| Capacity (Cores) | 12 | Adapter Ports | 12 |
| Cable Entre Port (20mm) | 1 | Cable Exit Ports (20mm) | 2 |
| Installation Models | Wall Mounted | Connect Models | Fusion splicing, Mechanical Splicing |
| Working Environment | indoor and outdoor | Protective Level | IP65 |
| Cable Diameter | Φ5 ~ Φ9mm | Curvature Radius (mm) | ≥30 |

Ordering Sample

| Part Number | Description |
|------------------------------|--|
| PTB112-12E | 12 ports PTB112 type termination box, without adapter and pigtail. |
| PTB112-12FSPBLG652D10 | 12 ports PTB112 type termination box with simplex SC/PC adapters and 1M singlemode SC/PC pigtails. |