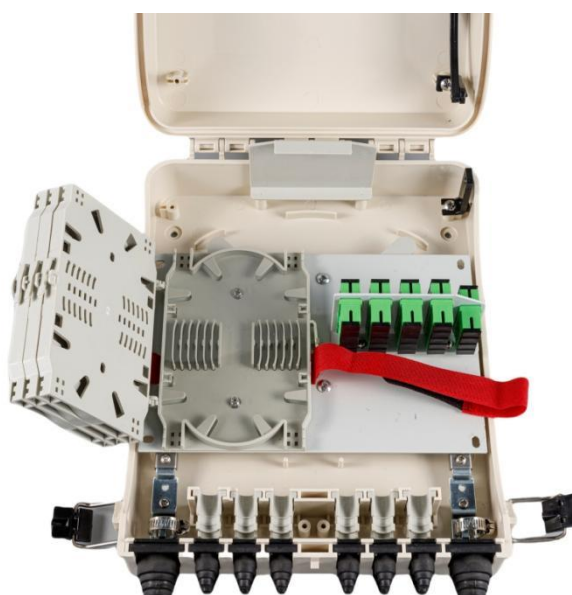
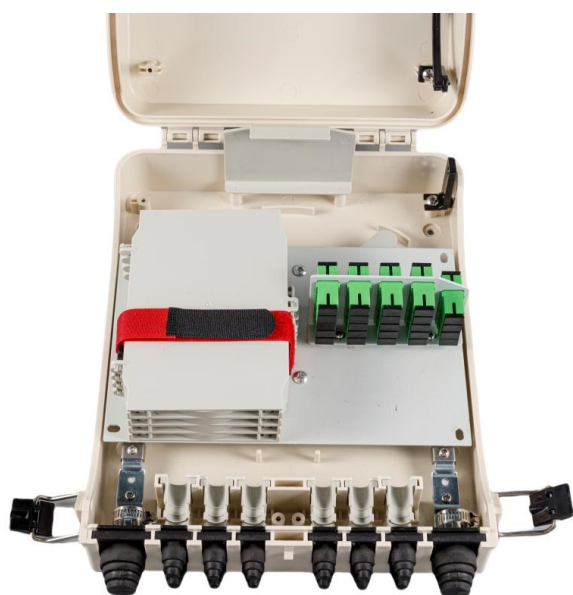


# FDB-T224B-24SC

## 24 Cores Fiber Distribution Box

### Application

- Designed for efficient fiber optic management in FTTH, FTTB, and FTTC networks, supporting both indoor and outdoor installations.
- IP55 Rated, weather-resistant enclosure suitable for wall or pole mounting, ensuring reliable performance in diverse environmental conditions.



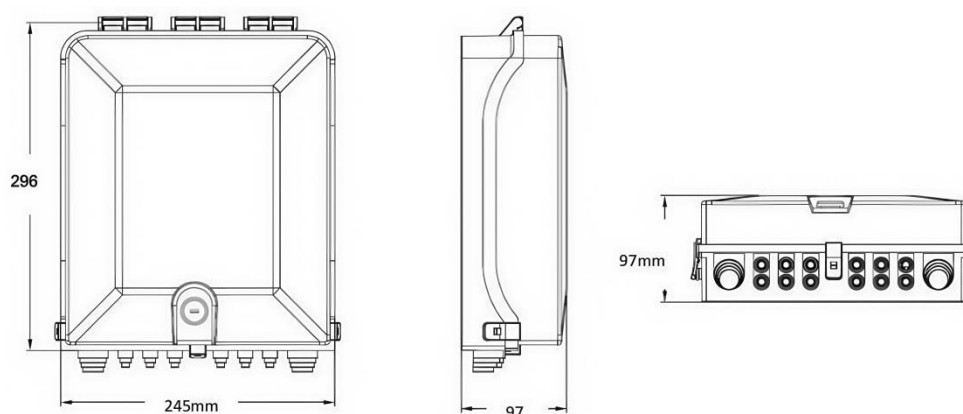
## Features & Benefits

- Engineered with high-strength PC+ABS material for enhanced durability and impact resistance.
- IP55 Protection Rating - Dust and water-resistant design ensures reliable operation in harsh outdoor environments.
- Supports up to 144 fusion splices with a maximum of 6 trays, accommodating 12/24 fibers per tray.
- Features 2 entry ports (Ø22 mm) and 12 drop cable ports (4×Ø1 mm & 8×Ø10 mm) for flexible cable routing.
- Supports 1x8 and 1x16 micro PLC splitters, mountable on dedicated splitter tray (P043N).
- Equipped with side lock hasp and adjustable cover for easy maintenance and secure closure.
- Customizable with fire-resistant materials for enhanced safety in specific applications.

## Specifications

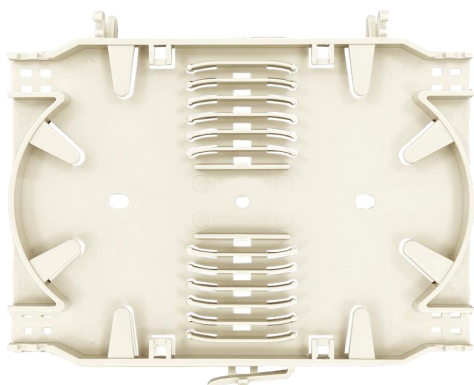
Part No.	FDB-T224B-24SC
Dimensions	296×245×97 mm
Enclosure Material	PC+ABS
Cable Entry Ports	2 ports × Ø22mm
Cable Exit Ports	4 ports x Ø11mm & 8 ports x Ø10mm
Patching Capacity	24 SC Adapters
Splicing Capacity	144 Fibers (Single-core)
Number of Trays	6 Trays
Splice Tray (P042)	12/24 Fusions
Splitter Tray (P043)	6/12 Fibers and 1 Splitter Slot
Suitable Splitter	1×8 or 1×16 Micro PLC Splitters
Tray Material	ABS
IP Rating	IP55
Mounting	Wall / Pole Mount

## Dimension Drawing



## Splice Tray & Splitter Tray

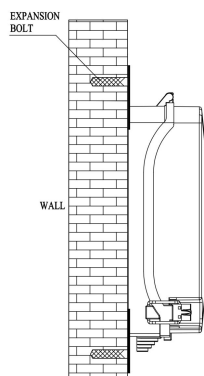
P042 Splice Tray



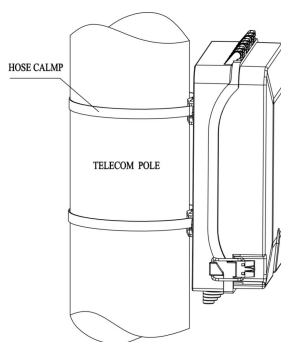
P043 Splitter Tray



## Wall-mounted & Pole-mounted











Wall Mount



Pole Mount

## Accessories

Picture	Name	Picture	Name
	Wall-mounting Kit (for Wall mount Only)		Splice Sleeve x 12/24 PCS/Tray
	Pole-mounting Kit (for Pole mount Only)		Nylon Cable Tie x 30 PCS
	Metal Plate x 2 PCS		4-Port Rubber Grommets x 12 PCS
	Hose Clamp x 2 PCS		Buffer Tube Protection Sleeve x 1 PCS/Tray

## Packing List

Part No.	Carton Size	PCS/CTN	G.W.
FDB-T224B-24SC	53×35×41CM	6	15 KG