FDB-T224C-144F

144 Fibers FTTx Distribution Box

Application

- High-Density FTTX Deployments, engineered for FTTH, FTTB, and FTTC networks, supporting large-scale fiber splicing and termination.
- IP55 Rated for durable enclosure enables reliable wall or pole mounting in indoor and outdoor environments.
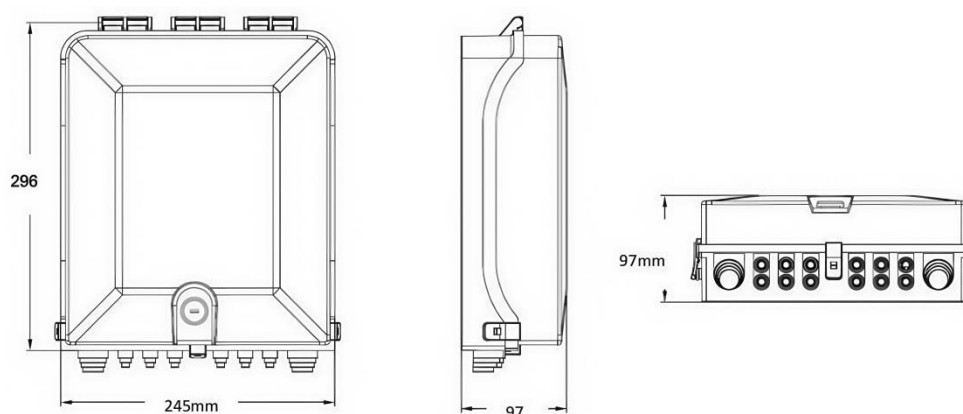
Features & Benefits

- Constructed with high-strength engineering plastic for superior durability and environmental resistance.
- IP55 Rated, provides dust and water splash resistance, ensuring dependable performance in varied conditions.
- Supports up to 144 fusion splices across 6 trays, with 12/24 fibers per tray for efficient fiber management.
- Features 2 Ø22 mm entry ports and 5 drop cable ports for streamlined cable organization.
- Includes two side hasp locks and an optional key lock for secure and accessible closure.
- Designed for a 20-year service life, ensuring long-term reliability for network infrastructure.
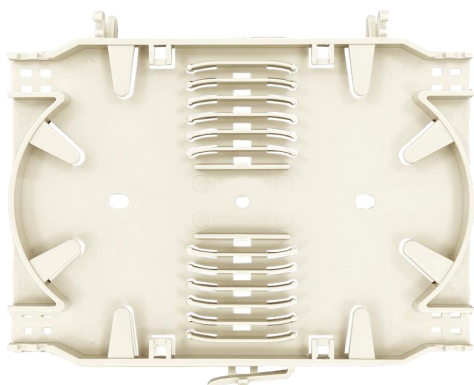
Specifications

Part No.	FDB-T224C-144F
Dimensions	296×245×97 mm
Enclosure Material	PC+ABS
Cable Entry Ports	2 ports × Ø25mm
Cable Exit Ports	5 ports x Ø15mm
Patching Capacity	Not Supported
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

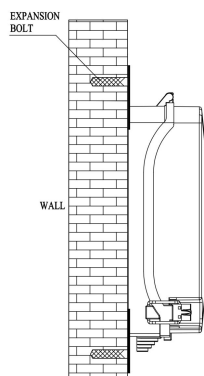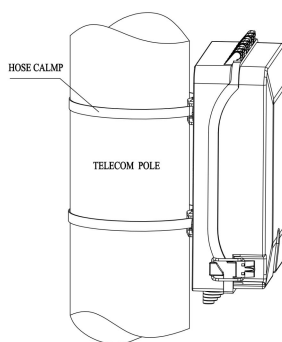## Dimension Drawing

Splice Tray & Splitter Tray

P042 Splice Tray

P043 Splitter Tray

Wall-mounted & Pole-mounted

EXPANSION BOLT

WALL

Wall Mount

HOSE CALMP

TELECOM POLE

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-T224C-144F	53×35×41CM	6	15 KG