



PN: FLOFLBABSIP55228

Optical Fiber Distribution Box

TECHNICAL DATA SHEET

**192/288 Port Fiber Optic Splice Box  
FTTH Distribution**



## 192/288 Port Fiber Optic Splice Box FTTH Distribution

### Description

The 192/288 Port Fiber Optic Splice Box is a high-capacity outdoor fiber distribution and splicing enclosure designed for FTTH, FTTB, FTTX, and telecommunication backbone networks. Manufactured from high-strength UV-resistant engineering plastic (PP/PC), the enclosure provides excellent protection against water, dust, corrosion, and harsh environmental conditions. Its modular design supports fiber splicing, storage, distribution, and splitter installation, making it ideal for large-scale fiber optic deployments.

### Features

- Supports up to **192 or 288 fiber splicing ports**
- High-strength **UV-resistant PP/PC engineering plastic**
- Waterproof and dustproof outdoor enclosure
- Excellent mechanical strength and impact resistance
- Suitable for aerial, wall-mounted, pole-mounted, and pedestal installations
- Modular tray design for easy fiber management
- Supports fiber splicing, storage, routing, and distribution
- Compatible with PLC splitters and fiber management accessories
- Secure locking system for enhanced protection
- Easy installation and maintenance
- Corrosion-resistant and weather-resistant construction
- Suitable for single-mode and multimode fiber cables
- Designed for long-term outdoor deployment



## Technical Specifications

Category	Parameter	Specification
Capacity	Maximum Fiber Capacity	192 / 288 Fibers
Splice Tray Capacity	Per Tray	24 Fibers
Number of Trays	Configuration	Up to 8–12 Trays
Material	Enclosure Material	UV-Resistant PP/PC Engineering Plastic
Protection Level	IP Rating	IP65 / IP68 (Model Dependent)
Cable Ports	Cable Entry/Exit Ports	Multiple Cable Ports
Installation	Mounting Method	Pole Mount / Wall Mount / Aerial
Fiber Type	Supported Fiber	Single Mode & Multimode
Sealing Method	Cable Sealing	Mechanical Seal / Silicone Gasket
Operating Temperature	Working Temperature	-40°C to +85°C
Storage Temperature	Storage Temperature	-40°C to +85°C
Relative Humidity	Humidity Range	≤ 95%
Environmental Resistance	UV, Water & Corrosion Protection	Supported
Compliance	Standards	IEC, RoHS Compliant

## Applications

- FTTH (Fiber to the Home) networks
- FTTB (Fiber to the Building) deployments
- FTTX optical access networks
- Telecommunications backbone infrastructure
- Metropolitan Area Networks (MAN)
- Data communication networks
- Outdoor fiber splicing and distribution points
- Broadband service provider networks
- Campus and enterprise fiber networks
- Aerial, pole-mounted, and wall-mounted fiber installations