

AI-FDB-12X

Fiber Distribution Box (12 Core, Indoor/Outdoor)



Acumen Fiber Optic Pigtail

Acumen The Fiber Distribution Box is designed for efficient fiber cable management and termination. It supports up to 12 cores and provides flexible installation options for both indoor and outdoor applications. The enclosure ensures durability, ease of use, and reliable protection for fiber connections.

Features

- Integrated Design: Supports fiber splicing, storage, and distribution in a single enclosure
- Fiber Capacity: Supports up to 12 cores
- Adapter Compatibility: Supports LC / SC / FC / ST adapters (up to 8 ports)
- User-Friendly Access: Hinged cover design for easy opening and maintenance
- Cable Management: Independent routing paths for feeder cable, drop cable, and patch cords to prevent interference
- Flip-Up Distribution Panel: Easy access for installation and maintenance
- Cable Entry: Equipped with 4 cable entry ports (Ø16 mm) with secure sealing
- Flexible Installation: Suitable for wall-mounted, pole-mounted, manhole, and aerial installations
- All-in-One Functionality: Clamping, fixation, storage, and distribution in one unit

Mechanical & Environmental

- Material: PC + ABS (UV-resistant, anti-aging)
- Protection Level: IP65 (dustproof and waterproof)
- Structure: Fully enclosed design
- Color: White
- Operating Condition: Suitable for indoor and outdoor use

SPECIFICATIONS

Item	Description
Product Name	Fiber Distribution Box
Fiber Capacity	≥ 12 Core
Adapter Ports	8 Ports (LC / SC / FC / ST Compatible)
Cable Entry	4 Ports (Ø16 mm)
Installation	Wall / Pole / Manhole / Aerial
Protection Level	IP65
Material	PC + ABS
Color	White
Dimensions	190 × 120 × 50 mm
Weight	0.32 kg
Warranty	1Year