

Optical Fiber Distribution Box

TECHNICAL DATA SHEET

32 Fiber Optic Termination Box - Plastic ABS - Outdoor IP66, UV & Rainfall Resistant - Wall Mounting and Pole Mounting Application



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Description:

The FLOFLBABSIP6648 32 Cores Fiber Distribution Box is designed for FTTH and FTTx network deployments, providing fiber splicing, splitting, storage, termination, and distribution in a compact outdoor enclosure. Constructed from high-quality ABS material and rated IP65, the enclosure offers excellent protection against dust, moisture, UV exposure, and harsh environmental conditions.

Suitable for wall-mounting and pole-mounting applications, the box supports up to 32 SC simplex adapters and accommodates PLC splitters for efficient fiber distribution.





Features:

- Supports up to 32 fiber terminations
- Compatible with SC Simplex adapters
- Accommodates PLC splitters (1×4, 1×8, 1×16, 1×32)
- IP65 waterproof and dustproof protection
- UV-resistant ABS housing
- Integrated fiber management and storage
- Secure locking mechanism
- Suitable for wall-mount and pole-mount installation
- Easy maintenance and cable routing
- Ideal for FTTH, FTTB, FTTx and PON networks

Specification:

Item	Specification
Model	FLOFLBABSIP6532
Product Type	Fiber Distribution Box
Capacity	32 Fibers
Material	ABS Plastic
Color	Black (Customizable)
Protection Grade	IP65
Installation Method	Wall Mount / Pole Mount
Adapter Type	SC Simplex
Adapter Capacity	32 Ports
PLC Splitter Capacity	Up to 1×32 PLC
Splice Tray Capacity	2 × 12 Fibers
Cable Entry Ports	6 Round Ports
Distribution Cable Diameter	Φ15 mm

Drop Cable Capacity	32 Drop Cables
Drop Cable Size	2×3 mm / 2×5 mm
Operating Temperature	-25°C to +60°C
Weight	Approx. 1.9 kg
Flame Retardant Rating	HB (Customizable)

Dimensions:

Parameter	Value
Height	355 mm
Width	250 mm
Depth	105 mm

Applications:

- FTTH (Fiber To The Home)
- FTTB (Fiber To The Building)
- FTTx Networks
- GPON Networks
- EPON Networks
- CATV Systems
- Optical LAN/WAN
- Telecommunication Networks
- Data Centers
- Broadband Access Networks