

Outdoor Wall Mount Fiber Distribution Box

Techlogiks outdoor wall mount optical fiber distribution frame is available with 4 to 24 fiber capacity and suitable for different types of fiber adaptors like LC, SC, ST, FC, E2000, MTRJ. The terminating box is IP 56 rated and it includes the metallic casing, adapter plate, splice tray, and other necessary materials for the termination of optical fiber cable. It is designed properly for the fiber splicing and distribution. Separate storage shelf and distribution shelf can be offered if required.



Applications:

- Telecommunication Networks
- Local Area Networks
- FTTH
- CATV Networks
- Active Device Termination

Features & Benefits:

- Low excess loss & high performance.
- Retractable Splicing Tray
- Convenience and ease of handling
- Indoor Use, Outdoor use customizable

Distribution Shelf

Shelves are designed with enough capacity for fiber splices and it is suitable for 12 and 24 fiber splices. It is made from fabricated mild steel not less than 1.2mm thick or equivalent and painted in good condition. The outdoor distribution frame shall be of corrosion resistance and robust construction; and shall allow both top or bottom entry for access to the splice trays. Specific selection of the entry points shall be made at the time of installation.

Fiber Capacity		12F	24F
Dimension	Height	315mm	355mm
	Width	310mm	365mm
	Depth	82mm	100mm
Number of Entries		2	2

Distribution Module

It consists of adapter panels and adapter modules*. Adapter plates are available for 12 or 24 adapter and can accommodate SC, LC, FC, ST, E2000 adapters.

* Fiber optic adapters to be ordered seperately.

FIBER DISTRIBUTION FRAME



Splice Module

A splice tray attached on the middle of distribution frame shall have the capacity to secure the fiber splices each. Splice trays shall be stacked up for higher splice capacity and be easily detached again. A splice tray shall accommodate maximum 24 sleeves for loose tube connection and 12 sleeves for ribbon connection. The design of the splice tray shall ensure that the fiber shall not bent to a radius $\leq 30\text{mm}$.

Splice Protection Sleeves

The splice protector may be a suitable plastic heat shrinkable material with an internal stainless steel rod for tension relief.

* *Splice protection Sleeves to be ordered separately.*

Components

Cable Clamp - the cable clamp shall be required to secure the external cables to the fiber distribution frame and can clamp the cable diameters from 8mm to 32mm.

Safety Key Lock- it's included for security use.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
TL-FDB-OUTW12-SCSX	12 SC Simplex Port Outdoor Wall Mount Fiber Distribution Box
TL-FDB-OUTW12-LCDX	12 LC Duplex Port Outdoor Wall Mount Fiber Distribution Box
TL-FDB-OUTW24-SCSX	24 SC Simplex Port Outdoor Wall Mount Fiber Distribution Box
TL-FDB-OUTW24-LCDX	24 LC Duplex Port Outdoor Wall Mount Fiber Distribution Box
TL-FDF-OUTW12-XX-YY	
TL-FDF-OUTW24-XX-YY	
XX - SC, LC, FC, ST..., YY- Simplex or Duplex	

FIBER DISTRIBUTION FRAME