

### Wall Mount Fiber Distribution Box

Techlogiks wall mount optical fiber distribution frame is available with 12 to 72 fiber capacity and suitable for different types of fiber adaptors like LC, SC, ST, FC, E2000, MTRJ. The terminating box 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 to 72 fiber splices. It is made from fabricated mildsteel not less than 1.2mm thick or equivalent and painted in good condition. The Fiber Distribution Frame shall be of corrosion resistance and robust construction and shall allow both top or bottom entry for access to this splice trays.

Fiber Capacity		12F	24F	48F	72F
Dimension	Height	310mm	310mm	310mm	310mm
	Width	310mm	310mm	310mm	310mm
	Depth	90mm	90mm	90mm	130mm
Cable Diameter		Ø8-32	Ø8-32	Ø8-32	Ø8-32
Number of Entries		4	4	4	4
Number of Output cords		12	24	36,48	72
Weight Kg		4Kg	4Kg	4Kg	6Kg

#### Distribution Module:-

It consists of adaptor panels and adaptor modules\*. Adaptor plates are available for 24 to 72 adaptors and can accommodate SC, LC, FC, ST, E2000 adaptors.

\* Fiber optic adaptors to be ordered separately.

**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, Ground Kit.

**ORDERING INFORMATION**

PART NUMBER	DESCRIPTION
TL-FDB-W12-SC-SX	12 SC Simplex Port Wall Mount Fiber Distribution Box
TL-FDB-W12-LC-DX	12 LC Duplex Port Wall Mount Fiber Distribution Box
TL-FDB-W24-SC-SX	24 SC Simplex Port Wall Mount Fiber Distribution Box
TL-FDB-W24-LC-DX	24 LC Duplex Port Wall Mount Fiber Distribution Box
TL-FDB-W48-SC-SX	48 SC Simplex Port Wall Mount Fiber Distribution Box
TL-FDB-W72-SC-SX	72 SC Simplex Port Wall Mount Fiber Distribution Box
	TL-FDF-W12-XX-YY
	TL-FDF-W24-XX-YY
	TL-FDF-W48-XX-YY
	TL-FDF-W72-XX-YY
	XX - SC, LC, FC, ST..., ZZ- Simplex or Duplex

FIBER DISTRIBUTION FRAME