Fiber Cabinet

FTTx Solutions

Local Flexibility Site (LFS)

The Local Flexibility Site (LFS) offers high fiber density in a small footprint along with flexibility for both urban and rural FTTx applications.

The LFS is an innovative solution designed with both the network owner and installers in mind. Pre-terminated, connectorized leads are organized and stored in numbered storage trays along with PLC and xWDM devices that incorporate subscriber distribution ports into the splitter module for a true “pay as you grow” solution.

Each storage tray holds up to forty-eight connectors. They are neatly routed and organized in the tray for easy identification and removal when adding new subscribers. All connectors have clear dust caps to easily verify individual fibers.

The splitter modules utilize a 19” rack spacing with adapter ports angled downward to facilitate cable management. The adapter ports are also numbered from bottom to top so that the next port is not obstructed by previous connections.

Features

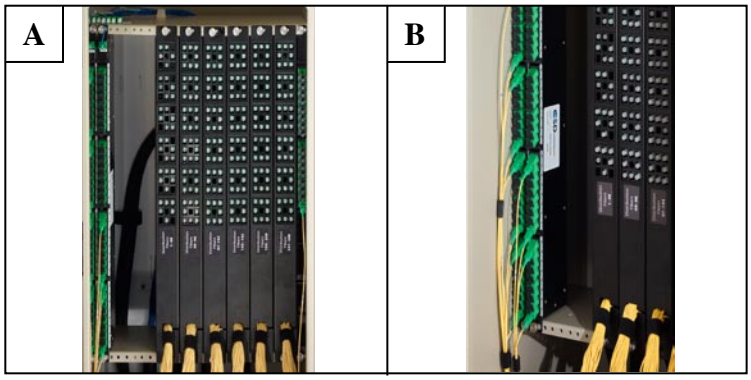
- Small footprint
- High density
- Feeder fiber pass through ports
- Intuitive cable management
- All front access
- NEMA 4 construction
- 19” rack spacing

Applications

- FTTx Passive Optical Networks
- Centralized or Distributed split designs
- Indoor/Outdoor

CSD CONNECTIVITY SOLUTIONS DIRECT

FTTx Solutions Local Flexibility Site (LFS)



A. LFS cabinet layout. Splitters on left, storage trays in middle, Pass throughs far right.

B. Splitter port numbering.

Specifications

	144 Port	288 Port
Splitters	5	9
Conector Types	SC/APC, SC/UPC, LC/APC, LC/UPC	SC/APC, SC/UPC, LC/AP C, LC/UPC
Pass through Ports	32	64
Mounting Options	Pad, Vault, Pole	Pad, Vault, Pole
Cable Entrances (in/out)	1/4	1/4
Riser	6”	6”
Dimensions	31.5” H x 17.0” W x 17.0” D	31.5” H x 17.0” W x 17.0” D
Weight	54 lbs	54 lbs

Ordering Information

LFS - □ □□ □ □ □ □□ □ □□□ □

Cabinet Size	
1	144
2	288
4	432
5	576
8	864

Cable Type	
DL	Dielectric Loose Tube
DR	Dielectric Ribbon
AL	Armored Loose Tube
AR	Armored Ribbon

Connector Type	
S	SC/APC (STD)
X	SC/UPC
L	LC/APC
Z	LC/UPC

Fiber Cable Arrangement	
1	Single*
2	1 in / 1 out
3	1 in / 2 out
4	1 in / 3 out
5	1 in / 4 out

Dist. Cable Configuration	
S	Splice
A	432
B	288
C	216
D	144
E	72

No. of Pass Through Ports**	
00	None
08	08
12	12
16	16
32	32
64	64
96	96

Feeder Fiber Count**	
S	Splice
1	12
2	24
4	48
6	60
7	72
8	96

Cable Stub Length	
050	50’
100	100’ (STD)
150	150’
200	200’
300	300’
500	500’

Mounting Style	
G	Ground
P	Pole

*Available in 288 cabinets and smaller. Splits a single able into feeder & distribution.
**Pass through port count cannot exceed Feeder Fiber count.
***Fibers not dedicated to splitter count are assumed to be pass through.

☛ Need more help? | **Get answers from our experts at 877-248-1286 for more information or visit our web site www.csd-network.com**