

# OptiTect® Indoor Local Convergence Cabinet, LS Series

CORNING

## Features and Benefits

### Dedicated “pass-through” capability

Provides service in a mix-use building without giving up splitter capabilities

### Gravity-based fiber management

Best-in-class long-term fiber management

### Full front access

Protects backplane during day-to-day customer turn-up

### Splitter compatibility across OptiTect® Cabinet family

Minimizes the need to inventory multiple splitters

## Standards

Design and Test Criteria

Cabinets meet applicable sections of Telcordia GR-2898, GR-487, GR-63-CORE, GR-449-CORE, GR-3123

Modular splitters meet applicable sections of GR-1209-CORE, GR-1221-CORE

UL Listed

Corning OptiTect® Indoor Local Convergence Cabinet, LS Series provides everything necessary to manage up to 432 distribution fibers for indoor FTTx applications. All cabinets share the same intuitive and efficient cable routing and splitter storage. Each cabinet provides superior ergonomics with full front access, resulting in minimal installation time, quick connections and ultimately increased profits. Distribution panel easily swings out if deemed necessary.

Feeder fibers, distribution fibers, splitter modules, splicing and unused splitter output storage are all contained within a single, rugged, wall- or rack-mountable enclosure. Factory preconnectorization and installation of feeder and riser cable(s), or splice capability, ensure quick, easy and reliable installation in the field.

All splitter modules are compatible and interchangeable across all OptiTect LS Cabinets and the Eclipse® Hardware family. Each splitter module features connectorized inputs and outputs.

The OptiTect Indoor Local Convergence Cabinet, LS Series was developed to provide the same features provided in the outside plant OptiTect Local Convergence Cabinet. These features include the “pass-through” capabilities quick field placement and parking of splitter modules, and the best-in-class fiber management.



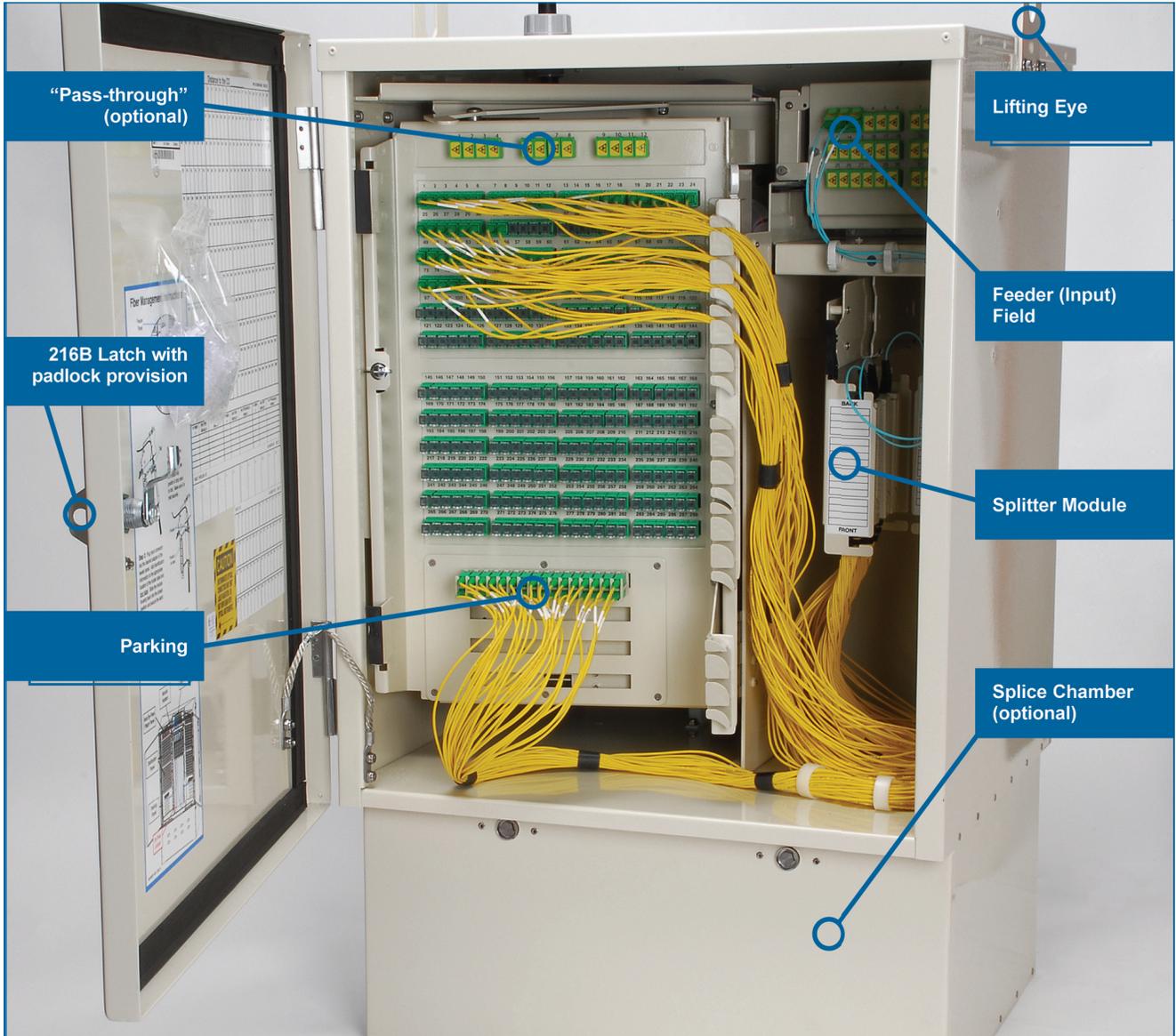
OptiTect Indoor Local Convergence Cabinet, LS Series (closed) | Photo FOH301



OptiTect Indoor Local Convergence Cabinet, LS Series (open) | Photo FOH302

# OptiText® Indoor Local Convergence Cabinet, LS Series

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OptiText Indoor Local Convergence Cabinet, LS Series  
| Photo FOH303

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# OptiTect® Indoor Local Convergence Cabinet, LS Series



## Cabinet Configurations

The OptiTect Indoor Local Convergence Cabinet, LS Series is available in multiple configurations. It can be purchased pigtailed, fully stubbed or partially stubbed.

### Pigtailed Cabinet

A pigtailed cabinet is ordered without the feeder and distribution cables. All feeder and distribution fields are preconnectorize and pigtails are routed to the splice chamber. The installer will strain-relieve and route both the feeder and distribution cables down to the splice chamber to splice to the pigtails of preconnectorized inputs and outputs.

### Fully Stubbed Cabinet

A fully stubbed cabinet is supplied with factory-installed feeder and distribution cables. As no splicing is necessary inside the cabinet, the splice chamber is not included on this model.

### Partially Stubbed Cabinet

A partially stubbed cabinet can be ordered with either a feeder or a distribution cable. All feeder and distribution fields are preconnectorized and the appropriate pigtails are routed to the splice chamber. The installer will strain relieve and route the cable down to the splice chamber to splice to the pigtails of preconnectorize inputs or outputs.

## Specifications

Design						
	Configuration	Color	Connector Type			Splitter Output Parking Capacity
144 Fiber	Wall or Rack Mount	Almond	SC APC or SC UPC	5	10	128
288 Fiber	Wall or Rack Mount	Almond	SC APC or SC UPC	9	18	128
432 Fiber	Wall or Rack Mount	Almond	SC APC or SC UPC	14	28	192

**Note:**

Two slim modules fit into one standard module slot using adapter bracket. Slim modules are available in 1x4, dual 1x4, 1x8 and dual 1x8.



# OptiText® Indoor Local Convergence Cabinet, LS Series

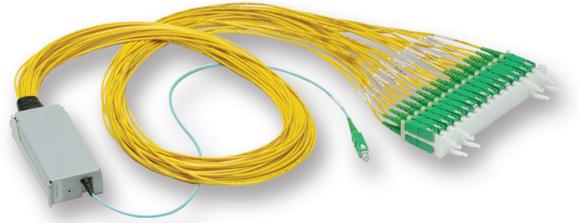
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## LS Indoor - T2 Splitter Modules

Designed specifically for the LS Series Cabinet, the compact yet robust LS Series splitters are available in multiple configurations (1x32, dual 1x16). Each splitter module features small form connectorized inputs and outputs with simple one-step parking.

### Features

- Indoor use rated splitter
- Robust housing protects module during installation and throughout product life
- Integrated parking clips installed on connectors
- GR-326 certified connectors



LS Splitter Module  
| Photo HWPSS1800

### Standard-Performance Devices

Part Number	Dimensions (HxWxD)	Insertion Loss, Typical	Insertion Loss, Maximum	Uniformity	Return Loss		PDL
1x32-Splitter-Module-LS	43 mm x 23 mm x 107 mm (1.7 in x 0.9 in x 4.2 in)	15.7 dB	16.7 dB	1.3	≥ 55 dB	≥ 55 dB	0.3
Dual 1x16 Splitter Modules	43 mm x 23 mm x 107 mm (1.7 in x 0.9 in x 4.2 in)	12.8 dB	13.4 dB	1.0	≥ 55 dB	≥ 55 dB	0.3

Note:

Insertion Loss and Uniformity values do not include connectors.

Wave-length ranges for all LS Splitter Modules: 1260-1360 and 1480-1625

# OptiText® Indoor Local Convergence Cabinet, LS Series



## Ordering Information



**1** Select input connector code.  
 6C = SC APC (standard)  
 5C = SC UPC

**2** Select output connector code.  
 6C = SC APC (standard)  
 5C = SC UPC

**3** Select coupler/splitter configuration.  
 1132 = 1x32 (standard)  
 2116 = Dual 1x16 (standard) - two 1x16s in one module  
 2018 = Dual 1x8 slim module (two separate 1x8s in one module)  
 1164 = 1x64

## Part Number Example

Part Number	Product Description	Units per Delivery	
WMC4CC6CA6C11132	LS Splitter Module, 1x32	1/1	
WMC4CC6CA6C12116	LS Splitter Module, dual 1x16	1/1	

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