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Features and Benefits

Multiple mounting options

Rugged, low-profile, wall-, rack- or strut-mountable

Various configuration options

Factory and field configuration options include splicing and plug-and-play capabilities

MTP/MPO Distribution Connectivity

MTP/MPO connections for quick 12- or 24-fiber RPDpass® riser distribution cable connectivity in each floor box

Half & half option (half single-fiber and half MTP distribution)

Provides flexibility of multifiber riser distribution and single-fiber distribution capabilities

Splitter capacity

Accommodates 1x4, 1x8, 1x6 and 1x32 splitters

Splitter compatibility

Accepts both LS and Gen III modules

Distribution access

Hinged panel allows access to the distribution panel backplane

Parking capacity

Fast field parking of unused splitter module connectors

Clear dust caps

Provide easy installation and removal, plus visual fault locating capability and dust protection



OptiTect Indoor CE Cabinet | Photo CAR391

The OptiTect[®] Indoor CE Cabinet, with the option of pinned MTP[®] Connectivity, provides optical splitting and fiber management for up to 864 fibers.

The OptiTect Indoor CE cabinet provides multifiber trunk connectivity for quick and easy installation with nonpinned MTP RPDpass riser trunks for fast deployment in congested riser applications. The compact, plug-nplay MTP riser trunk reels (12- & 24-fiber cables) can be deployed by pulling one MTP connector up the riser shaft while leaving the reel at the CE cabinet or by pulling the MTP connector down from the RTW-0MP-01 (up to 24F) wall mount or the RTC-0MP-01 (up to 24F) conduit mount terminal on the designated floor for horizontal distribution.

The OptiSheath[®] MDU terminal is now available with the same RPDpass MTP/MPO connectivity to provide up to 48 fibers where higher count floor boxes are needed.

Feeder fibers, distribution fibers, splitter modules and unused splitter output storage are all contained within a rugged wall-, rack, or strut-mountable enclosure. Splice and plug-and-play capabilities ensure a quick, easy and reliable installation in the field.

The CE cabinet can accept splitter modules from both the OptiTect LS and Gen III cabinet families. Each splitter module features connectorized input and output legs. (576 & 864 use LS style splitters only)



Optional pinned MTP[®] Connector Panel | Photo CRR402



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Standards

Design and Test Criteria

Cabinets ITL tested and qualified to applicable sections of Telcordia GR-3123

Modular splitters ITL tested and qualified to GR-1209 and GR-221-CORE

The OptiTect Indoor CE Cabinet is available in multiple configurations. It can be purchased stubless, partially stubbed or fully stubbed.



Specifications

General Specifications

| Height | 72-144 fiber: 76 cm (20 in) 288 fiber: 76 cm (20 in) 432 fiber: 89 cm (25 in) 576 fiber: 174.5 cm (68.7 in) 864 fiber: 174.5 cm (68.7 in) |
|-------------------------------------|--|
| Width | 56 cm (22 in) |
| Depth | 144 fiber: 35 cm (14 in) 288 fiber: 43 cm (17 in) 432 fiber: 43 cm (17 in) 576 fiber 49.0 cm (19.3 in) 864 fiber 49.0 cm (19.3 in) |
| Configuration | Wall-, rack- and strut-mountable |
| Additional Housing Components | Splice Chamber 12 cm (4.7 in) – total housing 64 cm (25.2 in) Slack Storage 28 cm (11.0 in) – total housing 80 cm (31.5 in) Direct-drop Splice 23.5 cm (9.3 in) – total housing 76 cm (29.9 in) |
| Connectors | SC APC and SC UPC |
| Max Number of Splitter Modules | (14) 1x32 or dual 1x16 in the 432 (9) dual 1x8 |
| Splitter Output Parking Capacity | 64 |
| Color | Almond |

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Stubless FDH

A stubless cabinet is supplied without the feeder and distribution cables.

• The feeder field is preconnectorized and pigtails are routed to the splice trays. The installer will provide strainrelief and route the feeder cable to the splice ray to splice to the pigtails.

• The distribution field is available with two options: preconnectorized pigtails or connectorized distribution cable(s):

Preconnectorized pigtails are routed to the splice trays. The installer will strain-relieve and route the distribution cable(s) to the splice tray to splice to the pigtails.
Connectorized distribution cable(s) plug into the distribution field via multifiber connectors.



OptiTect® Indoor CE Cabinet with Optional Slack Storage Unit | Photo CRR401

Partially Stubbed FDH

A partially stubbed cabinet can be ordered with either a feeder or a distribution cable. See the Stubless FDH section above for stubless options and configurations.

Pinned MTP® Connector-enabled CE Cabinet

Ordering Information



* Note 1: 576 & 864 will only ship with input Ribbon pigtails or Ribbon feeder stub only.

** Note 2: 576 & 864 are LS Splitter only ... Option "P"

Note: Non-pinned MTP RPDpass Riser Trunks are required.

Disclosure: Proper splitter module fit, design, and connector/cable integrity are critical to cabinet performance. All listings, approvals, and specifications are based on Corning cabinets used exclusively with Corning LS and Gen III splitter modules. Use of any other splitter in the Corning CE cabinet may result in physical damage to the Corning CE cabinet. Failure to adhere to these guidelines and use of a splitter other than the Corning LS or Gen III splitter in the Corning CE cabinet will void Corning's warranty on the CE cabinet.

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Splitter module specifications Standard Performance Devices

| | Module Size | Wavelength Range | | | Maximum | Return | Return | Return |
|-------------------------------|---------------------------------------|-------------------------------|------|------|---------|--------|--------|--------|
| 1x32 Splitter Module | 107 x 43 x 23 (4.2 x 1.7 x | 1260-1360 and 1480-1625 nm | 15.7 | 16.7 | 1.5 | ≥ 55 | ≥ 55 | 0.3 |
| Dual 1x16 Splitter Modules | 107 x 43 x 23 (4.2 x 1.7 x | 1260-1360 and 1480-1625 nm | 12.9 | 13.5 | 1.2 | ≥ 55 | ≥ 55 | 0.3 |
| Dual 1x8 Splitter Modules | 107 x 43 x 15 (4.2 x 1.7 x 0.6) | 1260-1360 and 1480-1625 nm | 9.8 | 10.2 | 1.0 | ≥ 55 | ≥ 55 | 0.2 |
| 1x64 Splitter Module | 125 x 64 x 23 (4.9 x 2.5 x | 1260-1360 and 1480-1625 nm | 19.4 | 20.4 | 1.8 | ≥ 55 | ≥ 55 | 0.5 |

*Values provided do not include connectors.

LS Splitter Modules

Ordering Information



Gen III Splitter Modules

Ordering Information



1164 = 1x64

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Ordering Information

| Accessories | |
|--------------------|---|
| Part Number | Product Description |
| IFDH-CE-SLACK-STRG | Slack storage chamber for OptiTect [®] Indoor CE Cabinet |



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RPDpass[®] Indoor Riser Cable

A major revenue opportunity for fiber-to-the-home (FTTH) service providers can be found in high-rise apartment/ multi-dwelling unit (MDU) applications. High-density access to broadband customers requires effective and rapid deployment to optimize the revenue opportunity. Corning RPDpass[®] Indoor Riser Cable is a component of the RPDpass Indoor MDU Solution. The modularity of assemblies and terminal components provides complete flexibility in challenging MDU deployments.

The RPDpass MDU Riser Cable Assembly leverages and optimizes the performance of ClearCurve[®] bendinsensitive fiber capabilities with high-quality, factoryterminated and -tested Corning connectors. Available in 12- or 24-fiber cables with 12 fiber connectors at the floor level, terminal placement may be optimized for drop assembly placement and overall reduced material and installation costs.

Utilizing low-loss MTP[®] connectors ensures minimal impact to link loss budgets.

Features and Benefits

Corning® ClearCurve® bend-insensitive fiber

Ideal for tight-bend deployments (5 mm minimum bend radius)

Collapsible reels for storage

Eliminates the need for slack storage when deployed with OptiSheath® Riser Terminal

Compact cable design

Reduces congestion in the riser, thereby allowing for smaller conduits

Backward compatible ClearCurve Fiber Compatible with all industry ITU-T G.652 single-mode fiber

Preconnectorized with MTP® Connectors Enables quick connectivity at MTP connector-enabled fiber distribution terminals and cabinets

Ordering Information



For more details on the RPDpass reels, please see specification sheet CRR-076-AEN.

Part Number Example

| Part Number | Product Description | Units per Delivery | |
|---------------------|---|-----------------------|--|
| RRP131312UPNMMS100F | MDU, RPDpass [®] Riser, Pull-Down, SM ZBL, 12-fiber MTP [®] (non-pinned) to 12-fiber MTP (non-pinned), 12 Fiber, 100 ft | 1/1 | |



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