

OptiSheath® MDU Terminal

CORNING

Features and Benefits

SC connector technology available with prestubbed input cable

Enables quick, easy and reliable connections

Available with or without SC pigtails

Allows splicing in field or direct termination in both pre-connectorized or field-connectorized drops

Labeled and tiered subscriber ports with dedicated parking

Craft-friendly with easy access

Flame-retardant, impact-resistant engineering-grade thermoplastic and hinged cover with padlock

Maximum product lifetime and security

Flexible design with multiple stub and drop options including an OptiTip® Adapter distribution interface

Provides solutions for a variety of MDU installations

The OptiSheath® MDU Terminal is a rugged, indoor/outdoor low-profile interconnect between the distribution network and indoor/outdoor drop cables for multidwelling unit (MDU) applications. Compatible with either loose tube or ribbon cable, the terminal also accommodates ClearCurve® Rugged Drop Cable.

The multilayer design allows installers to access only the components of the terminal necessary for initial installation or subscriber turn-up, while a protected layer allows for pigtail splicing of drop cables as needed.

The low-profile NID-like housing contains six, 12, 24 and 48 ports and has built-in mounting provisions for a variety of interior and exterior surfaces, including uneven siding.

Standards

Design and Test Criteria

Terminals tested and qualified to applicable sections of Telcordia GR-771

Listed to UL, 94-V0



OptiSheath MDU Terminal (open)
| Photo SHD198



OptiSheath MDU Terminal (closed)
| Photo SHD196

OptiSheath® MDU Terminal



Specifications

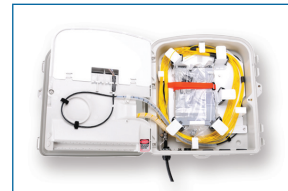
Weight	3 kg (6.5 lb)
Dimensions (HxWxD)	41.4 cm x 37.1 cm x 15.2 cm (16.29 in x 14.59 in x 6.0 in)
Subscriber Connection	6, 12, 24 or 48
Door	One
Connectors	SC APC or SC UPC
Drop Connection	Compatible with 1.65 to 4.8 mm drop cables, preconnectorized, field-connectorized or field-spliced at the MDU terminal†
Color	Almond
Distribution	Stubbed and pigtailed for splicing in the field or with internal pinned OptiTip® Adapters for quick field installation using OptiTip connector tether extenders
Mounting Type	Wall-Mountable

* Stubless terminal for splicing in a loose tube cable is limited to 32 ports.
* † Drop preparation kit may be required.
* For additional options, contact a Corning Customer Care Representative at 800-743-2675.



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Stubbed MDU Terminal
| Photo CRR822



Stubless MDU Terminal
| Photo CRR821



MDU Terminal - OptiTap
| Photo CRR820

Ordering Information

MDU - 2

1 2 3 4 5 6 7

1 Select cable fiber count.

00 = Stubless
06 = 6 fibers
12 = 12 fibers
24 = 24 fibers
48 = 48 fibers

2 Select cable length.

00 = Stubless
31 = 100 ft
61 = 200 ft
92 = 300 ft
F3 = 500 ft
W5 = 1000 ft

3 Select number of ports
(same as cable fiber count
when stubbed).

06 = 6 ports
12 = 12 ports
24 = 24 ports
32 = 32 ports, loose tube
pigtailed only
48 = 48 ports, loose tube
pigtailed not available

See Notes 1 and 2.

4 Select connector type.

6C = SC APC
3C = SC UPC

5 Select input cable type.

U4 = ALTOS® All-Dielectric Cable
C4 = SST-Ribbon™ All-Dielectric Cable
AA = Ribbon pigtailed, stubless version only
BB = Loose-tube pigtailed, stubless
version only, 32-fiber maximum
00 = Stubless (used with OptiTap)
UF = FREEDM® loose-tube indoor/outdoor
Cable

6 Select special configuration.

CG = None
M2 = Internal OptiTap® distribution interface

7 Select drop connection.

P = Standard (spliced-in drop capability
with internal pigtail)
Q = No drop pigtailed (for bringing factory
or field-connectorized drops)

See Note 2.

1) *Maximum capacity when splicing in drops and using loose tube cable
2) †If using splicing in loose tube cable must select "Q — No drop pigtailed"

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Tether Extension Part Numbers Standard OSP Drop Cable

Part Number Example

Part Number	Product Description	Units per Delivery	
00M112EB4D1E090F	12-Fiber Single-mode OptiTip® Connector (non-pinned) Pigtail, 90 ft	1/1	
00M112EB4D1E150F	12-Fiber Single-mode OptiTip® (non-pinned) Pigtail, 150 ft	1/1	
00M112EB4D1E250F	12-Fiber Single-mode OptiTip® (non-pinned) Pigtail, 250 ft	1/1	
00M112EB4D1E300F	12-Fiber Single-mode OptiTip® (non-pinned) Pigtail, 300 ft	1/1	

Flame-Retardant FREEDM® Cable

Part Number Example

Part Number	Product Description	Units per Delivery	
00M112EBZD1H090F	12-Fiber Single-mode FREEDM® Cable with OptiTip® Connector (non-pinned) Pigtail, 90 ft	1/1	
00M112EBZD1H150F	12-Fiber Single-mode FREEDM® Cable with OptiTip® Connector (non-pinned) Pigtail, 150 ft	1/1	
00M112EBZD1H250F	12-Fiber Single-mode FREEDM® Cable with OptiTip® Connector (non-pinned) Pigtail, 250 ft	1/1	
00M112EBZD1H300F	12-Fiber Single-mode FREEDM® Cable with OptiTip® Connector (non-pinned) Pigtail, 300 ft	1/1	

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Accessories

Part Number	Product Description	Units per Delivery	
MDU-CC-BT-KIT	ClearCurve® Cable 4.8mm Rugged Drop MDU Installation Kit* (quantity for 10 MDU's)	1/1	
MDU-SLACK-KIT	Slack Storage Unit for MDU	1/1	

** Kit includes watertight fittings to seal incoming drops, braided tubing for protecting and routing slack when splicing in 4.8 mm drops and filler cords to seal inputs when using fewer than eight drops per input.*

Related Products

ClearCurve® Drop Cable Assembly	EVO-786-EN
OptiTip® Interconnect Harness Assembly	EVO-1025-EN

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