

OptiSheath® Multidwelling (MDU) Terminal



OptiSheath MDU Terminal (Open)



OptiSheath MDU Terminal (Closed)

The OptiSheath® MDU terminal is a rugged, indoor/outdoor low-profile interconnect between the distribution network and indoor/outdoor drop cables for multidwelling unit applications. Compatible with loose tube and ribbon cables, the terminal also accommodates Corning® ClearCurve® rugged drop cables.

The multilayer design allows installers to access only the terminal components 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-style housing supports 6, 12, 24, 36, and 48 ports and has built-in mounting provisions for a variety of interior and exterior surfaces, including uneven siding.

Features	Benefits
SC- or LC-connector technology available with prestubbed input cable	Enables quick, easy, and reliable connections
Available with or without SC or LC pigtails	Allows splicing in the field and direct termination using either preconnectorized or field-connectorized drops
Labeled and tiered subscriber ports with dedicated parking	Installer-friendly design with easy port access
Flame-retardant, impact-resistant engineering-grade thermoplastic and hinged cover with padlock	Maximizes product lifetime and security
Flexible design with multiple stub and drop options, including a Pushlok™ or OptiTip® adapter input interface	Provides solutions for a variety of MDU installations
Protective coverings for incoming and drop cables	Indoor/outdoor plastic skirt and optional mounting bracket available to protect incoming and drop cables

Standards	
Design and test criteria	Terminals tested and qualified to applicable sections of Telcordia GR-771. Listed to UL, 94-V0

OptiSheath® MDU Terminal



OptiSheath MDU Terminal Splice Compartment

Specifications

Weight	6.5 lb (3 kg)
Dimensions (H x W x D)	16.29 x 14.59 x 6.0 in (41.4 x 37.1 x 15.2 cm)
Subscriber Connection	6, 12, 24, 36, and 48 ports
Door	One
Connectors	SC APC, SC UPC, LC APC, and LC UPC
Drop Connection	Compatible with 1.65 to 4.8 mm drop cables, preconnectorized, field connectorized, or field spliced at the MDU terminal
Color	Cool Gray
Distribution	Preconnectorized/field installable or with pigtails for spliced drops
Mounting Type	Wall-mountable

For additional options, contact a Corning Customer Care Representative at 800-743-2675.

OptiSheath® MDU Terminal



Stubbed MDU Terminal
| Photo CRR822



Stubless MDU Terminal
| Photo CRR821



MDU Terminal – OptiTap® Connectors
| Photo CRR820

Ordering Information

MDU -

1
2
3
4
5
6
7
8

1 Select cable fiber count.

- 00 = Stubless
- 06 = 6 fibers
- 12 = 12 fibers
- 24 = 24 fibers
- 36 = 36 fibers
- 48 = 48 fibers

2 Select cable length.

- 00 = Stubless
- 31 = 100 ft
- 61 = 200 ft
- 92 = 300 ft
- F3 = 500 ft
- Q4 = 800 ft
- W5 = 1,000 ft

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

- 06 = 6 ports
- 12 = 12 ports
- 24 = 24 ports
- 36 = 36 ports*
- 48 = 48 ports†

4 Select connector type.

- 6C = SC APC
- 3C = SC UPC
- B3 = LC APC
- A9 = LC UPC

5 Select input cable type.

- Stubbed Terminals Only**
- U4 = ALTOS® all-dielectric cable
 - C4 = SST-Ribbon™ all-dielectric cable
 - UF = FREEDM® loose tube indoor/outdoor cable
 - C7 = Ribbon Riser Cable
 - CF = FREEDM Ribbon Riser I/O Cable

Stubless Terminals Only

- AA = Ribbon pigtailed, stubless version only
- BB = Loose tube pigtailed, stubless version only, 36-fiber maximum
- 00 = Stubless (used with Pushlok™ or OptiTip® adapter)

Note: M1, M2, T1 or T2 must be chosen in selection 6

6 Select special configuration.

- CG = None
- M1 = Internal non-pinned OptiTip input interface
- M2 = Internal pinned OptiTip input interface
- T1 = Internal Pushlok MT Pinned connector input interface
- T2 = Internal Pushlok MT Nonpinned connector input interface

7 Select shipping package.

- 2 = Used on all stubless and stubbed units with a stubbed cable length of 500 ft or less.
- R = Recommended on all stubbed terminals with a stub length greater than 500 ft. Ships on a reel.

8 Select drop connection.

- P = Configured for pigtail splicing (includes pigtailed and splice trays)
- Q = Configured for connectorized drops (No pigtailed or splice trays for drops)

*36 ports is the maximum capacity when splicing in drops and using loose tube pigtailed.

†Loose tube pigtailed not available if "P" is selected in 7 (Drop Connection). If splicing in loose tube cable on 48-port terminals, you must select Q for number 7.

OptiSheath® MDU Terminal Accessories



OptiSheath MDU Terminal Indoor/Outdoor Skirt



OptiSheath MDU Terminal Mounting Bracket

The indoor/outdoor protective skirt kit allows the removal and installation of the skirt without tools after initial installation. The cavity created by the skirt and mounting bracket features allow both cable management and storage for the incoming and drop cables.

Part Number	Product Description	Units per Delivery
MDU-PLAS-SKRT-FR	Indoor/outdoor plastic protective skirt	1/1
MDU-PLAS-BRKT-FR	Indoor/outdoor plastic skirt mounting bracket	1/1
MDU-PLAS-SKRT-BRKT-FR	Indoor/outdoor plastic skirt and mounting bracket kit	1/1
MDU-SKRT-U3	Metal, protective U-Guard for incoming drops and cables	1/1
MDU-CC-BT-KIT	Corning® ClearCurve® cable, 4.8-mm rugged drop MDU installation kit* (quantity for 10 MDUs)	1/1
MDU-SLACK-KIT	Metal slack storage unit that mounts on the back of the MDU terminal	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

CORNING

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