CORNING

OptiSheath® Multidwelling Unit (MDU) Terminal, Stubbed

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 can also accommodate Corning® ClearCurve® rugged drop cable.

The stubbed OptiSheath MDU terminal provides great flexibility for designing brownfield and greenfield projects. The terminal feeder stubs can also be equipped with Pushlok® or OptiTip® connectors as well as different types of cables for a variety of applications.

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 supports 6, 12, 24, 36, and 48 ports and has built-in mounting provisions for interior and exterior surfaces, including uneven siding.

Features	Benefits
Pushlok or OptiTip connector technology available with prestubbed input cable	Enables quick, easy, and reliable multifiber connections
Available with or without SC or LC pigtails	Allows splicing in the field or direct termination using either preconnectorized 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	Accommodates a variety of MDU installations
Protective coverings for incoming and drop cables	Indoor/outdoor plastic or metal skirt available to both protect incoming and drop cables

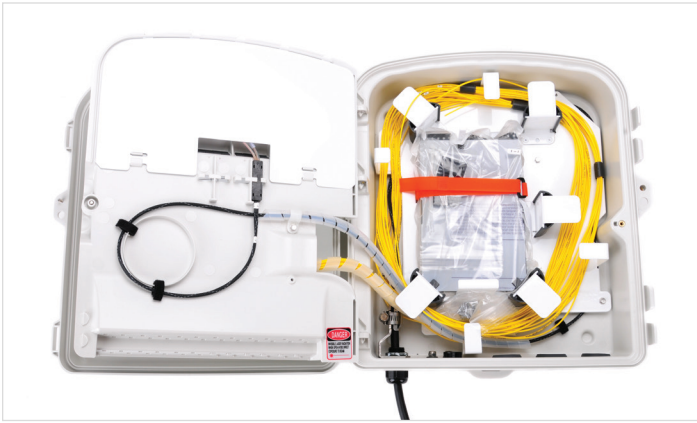| Standards	
Design and test criteria	Terminals tested and qualified to applicable sections of Telcordia GR-771. Listed to UL, 94-V0

OptiSheath® MDU Terminal, Stubbed

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, 48
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.

Stubbed MDU Terminal

Ordering Information

MDU ☐☐ ☐☐ ☐☐ ☐☐ - ☐☐ ☐☐ ☐ ☐
1 **2** **3** **4**   **5** **6** **7** **8**

1 Select cable fiber count.

06 = 6 fibers
12 = 12 fibers
24 = 24 fibers
36 = 36 fibers
48 = 48 fibers

Note: If OptiTip® or Pushlok® Connectors are selected in section 6, individual 12 cables must be used. (e.g., 36 fiber utilizes three 12-fiber cable stubs)

2 Select input cable length.

2F = 2 ft
31 = 100 ft
61 = 200 ft
92 = 300 ft
F3 = 500 ft
Q4 = 800 ft
W5 = 1,000 ft

Note: 2-foot cable only available with OptiTip or Pushlok Connector/Connectors. Requires cable type BF.

3 Select number of distribution ports.
(same as input fiber count)

06 = 6 ports
12 = 12 ports
24 = 24 ports
36 = 36 ports
48 = 48 ports

4 Select distribution field connector type.

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

5 Select input cable type.
Stubbed Terminals –
bare-ended stub only
U4 = ALTOS® all-dielectic cable
    (fiber counts 6, 12, 24, 36, 48)
C4 = SST-Ribbon™ all-dielectic cable
    (fiber counts 12, 24, 36, 48)
CF = FREEDM® Ribbon Riser I/O Cable
    (fiber counts 12, 24, 36, 48)
UF = FREEDM LT I/O Cable
    (fiber counts 6, 12, 24, 36, 48)
V1 = RPX® Ribbon Toneable (fiber counts 24, 48)
V4 = RPX Ribbon (fiber counts 24, 48)
B4 = SST flat dielectric drop cable
    (fiber counts 6, 12, 24)
B1 = Toneable SST flat drop (fiber counts 6, 12, 24)

Stubbed terminals equipped with Pushlok and OptiTip connectors (12-fiber cable designs below must be used)
*B4 = SST flat dielectric drop cable (12 fiber only)
*BZ = I/O LSZH™, SST flat drop (FR) (12 fiber only)
*B1 = Toneable SST flat drop (12 fiber only)
*BF = RPX Furication Tubing, flat drop-2 ft stub
    only (12 fiber only)

6 Select stub (input) cable connector type.

CG = No Stub End Connector
*M1 = Stubbed with non-pinned
    OptiTip, 4 max
*M2 = Stubbed with pinned
    OptiTip, 4 max
*T1 = Stubbed with Pushlok MT Pinned
    connector, 4 max
*T2 = Stubbed with Pushlok MT
    non-pinned connector, 4 max

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 slicing
Q = Configured for connectorized
    drops (for bringing factory or
    field-connectorized drops)

* B4, BZ, B1, BF available with OptiTip or Pushlok connectors

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

OptiSheath® MDU Terminal, Stubbed 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

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