

OptiSheath® Multidwelling Unit (MDU) Terminal with MTP® Riser Connectivity

Used in Conjunction with Corning RPDpass® Reel Solution



OptiSheath MDU Terminal (Open)



OptiSheath MDU Terminal (Closed)

The OptiSheath® MDU terminal with MTP®/MPO (multifiber) connectivity is an indoor, low-profile interconnect floor terminal between the distribution network and indoor drop cables for multidwelling unit applications. The terminal is equipped with MTP feeder ports that enable rapid connectivity for the riser terminal floor box. It is shipped with 1, 2, 3, or 4 pinned MTP input adapters (12-fiber pinned MTP connector) that transition to SC or LC (APC or UPC) distribution ports, supporting port counts of 12, 24, 36, and 48.

This MDU terminal utilizes the MTP RPDpass® reel product set to allow quick riser installations. The RPDpass reels come with 12 or 24 fibers (one or two MTP connectors) in a variety of lengths to fit each unique riser deployment.

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

Features	Benefits
MTP®/MPO connector technology (pinned)	Enables quick, easy, and reliable multifiber connections
Available with or without SC distribution pigtails	Allows splicing in field or direct termination in preconnectorized and field-connectorized drops
Labeled and tiered subscriber ports with dedicated parking	Installer-friendly design with easy access
Flame-retardant, impact-resistant, engineering-grade thermoplastic and hinged cover for padlock	Maximizes product lifetime and security
Flexible design with multiple fiber count options	Provides solutions for a variety of MDU installations (12 F, 24 F, 36 F, and 48 F connectivity options)
Protective coverings for incoming and drop cables	Indoor/outdoor plastic or metal skirt 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 MTP® Input Ports



OptiSheath MDU Terminal distribution ports

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	12, 24, 36, 48
Door	One
Connectors	MTP input, 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	Pigtailed optional for splicing in the field
Mounting Type	Wall mountable

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

OptiSheath® MDU Terminal with MTP® Riser Connectivity Ordering Information

MDU	<u>00</u>	<u>00</u>	<u>□□</u>	<u>□□</u>	-	<u>00</u>	<u>90</u>	M	<u>□</u>
	1	2	3	4		5	6		7

1 Select cable fiber count.
00 = Stubless

2 Select cable length.
00 = Stubless

3 Select number of distribution ports.
(Same as cable fiber count when stubbed)
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 pigtail type.
00 = Stubless

6 Select configuration.
90 = Pinned/MTP® connector

7 Select drop connection.
P = Configured for pigtail splicing
(includes pigtails and splice trays)
Q = Configured for connectorized drops
(for factory or field-connectorized drops)

Part Number Examples

Part Number	Product Description
MDU0000366C-0090MP	MDU Terminal, 36 F (three MTP to SC APC harnesses) with 36-fiber SC APC pigtail and two splice trays
MDU0000486C-0090MQ	MDU Terminal, 48 F (four MTP to SC APC harnesses), no pigtails, for preconnectorized or field-installable drops

OptiSheath® MDU Terminal with MTP® Riser Connectivity 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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