

LPT Terminal, with MTP® Riser Connectivity

(used in conjunction with Corning's RPDpass reel solution)

CORNING

Features and Benefits

MTP®/MPO connector technology (pinned)

Enables quick, easy and reliable multifiber connections

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

Maximum product lifetime and security

Labeled subscriber ports

Craft-friendly with easy access

Small form factor

Less wall space required for quick subscriber turn-up

The LPT Terminal with MTP®/MPO (multi-fiber) connectivity is an indoor, low-profile interconnect floor terminal between the distribution network and indoor drop cables for multidwelling unit (MDU) applications. The LPT terminal with MTP® capability allows for rapid connectivity for this riser terminal floor box. The terminal is shipped with a Pinned MTP® adapter (12f pinned MTP connector) and a corresponding 12f MTP®/MPO to SC/APC harness for distributing a single fiber indoor drop to the living unit.

This LPT terminal utilizes the MTP RPDpass reel product set to allow quick riser installations. The RPDpass reels ships with a 12 fiber MTP®/MPO connector and in a variety of lengths to fit each unique Riser deployment.

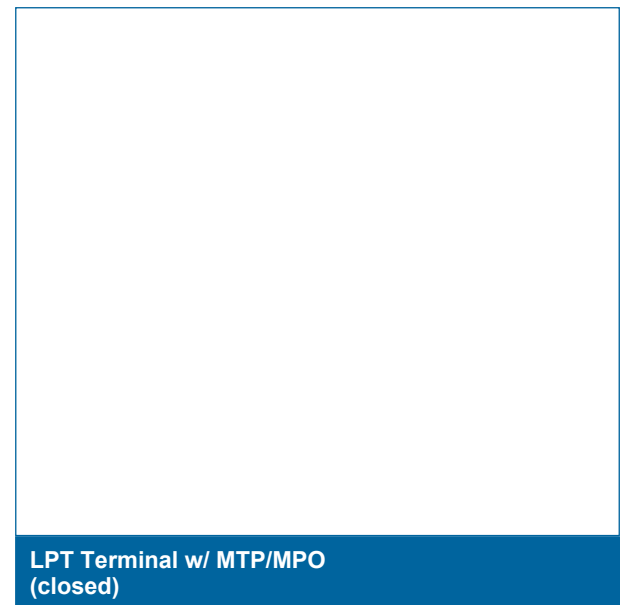
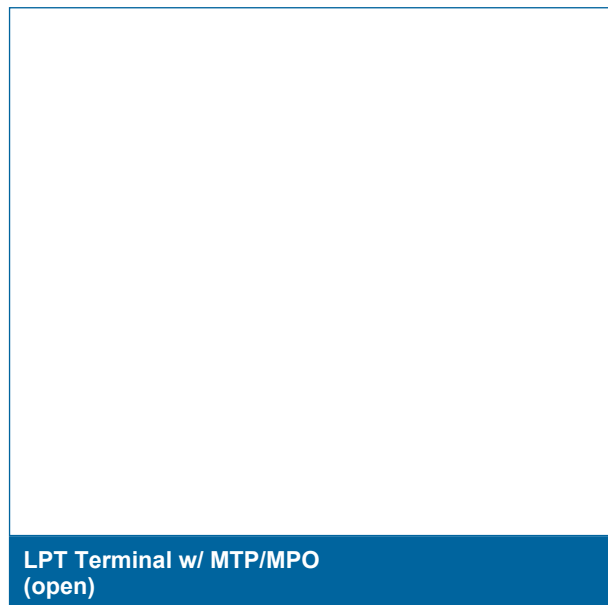
The small profile design allows installers to take minimal wall space in the closet while providing quick subscriber turn-up.

Standards

Design and Test Criteria

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

Listed to UL, 94-V0



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Specifications

Weight	1.1kg (2.5 lb)
Dimensions (HxWxD)	305mm (12in) x 213mm (8.4in) x 86mm (3.4in)
Subscriber Connection	12, 24, 36 or 48
Door	One
Connectors	MTP®/MPO input & SC APC distribution
Drop Connection	Compatible with 1.65 to 4.8 mm drop cables, preconnectorized, field-connectorized
Color	Grey
Distribution	Pigtailed optional for splicing in the field
Mounting Type	Wall-Mountable, Indoor Only

* MTP RPDpass reels are required

* † Drop preparation kit may be required.

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

Part Number	Description
LPT0000126C-0090MQ	LPT terminal with a 12 fiber MTP adapter to SC/APC harness for Precon drops, no pigtail, no splice tray

RPDpass® Indoor Riser Cable

A Corning Cable Systems Product

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

standards |

EIA/TIA 568C (single-mode)

Telcordia GR-409 (cable)

Exceeds ITU-T G.657.A and B, ITU-T G.652 (fiber)

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 Cable Systems 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 bend-insensitive fiber capabilities with high-quality, factory-terminated and -tested Corning Cable Systems connectors. Available in 12- or 24-fiber cables with connector combinations of 12, 8 or 6 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.



RPDpass Indoor Riser Cable Shown on Collapsible Reel | Photo CAR381



RPDpass Indoor Riser Cable on Collapsible Reel | Photo CCV113

RPDpass® Indoor Riser Cable

A Corning Cable
Systems Product

specifications |

Connector Type	Insertion Loss (dB)	Reflectance (dB)
MTP (SP)	≤ 0.30	≤ -65

Assembly Performance

Cable Ratings/Listings	Telecordia GR-409, ITU-T G.657.A and B, ITU-T G.652
Pulling Grip Performance	30 lbs

Transmission Performance

Fiber Code	U
Wavelength (nm)	1310/1383/1550
Maximum Attenuation (dB/Km)	0.4/0.4/0.3
Minimum Effective Modal Bandwidth (Mhz/Km)	-/-/-

Cable Specifications

Fiber Count	Cable Diameter (in)	Pulling Grip Diameter (in)	Cable Weight (lbs/1000 ft)	Minimum Bend Radius Loaded (in)	Minimum Bend Radius Installed (in)
12	0.13	0.72	6.7	1.9	0.6
24	0.12	0.72	6.6	1.8	0.6

RPDpass® Indoor Riser Cable

A Corning Cable
Systems Product

specifications |

Shipping Information

Packaging Method	Collapsible Reel	9.75-in Reel
Packaging Material	Plastic Reel	Plastic Reel
Reel Diameter in (mm)	10 (254)	9.75 (247.65)
Reel Width in (mm)	3 (76.2)	5.2 (132.08)
Box Dimensions in (mm)	10 x 10 x 8.125 (254 x 254 x 206.38)	10 x 10 x 8.125 (254 x 254 x 206.38)
Maximum Boxes per Pallet	96	96
Fiber Count	Capacities in Ft (m)	
12	500 (152.4)	750 (228.6)
24	500 (152.4)	870 (265.18)

TRAINING | SPLICE AND TEST EQUIPMENT | COPPER CONNECTIVITY | HARDWARE | CABLE ASSEMBLIES | CONNECTORS | CABLES | PRETERMINATED SYSTEMS

RPDpass® Indoor Riser Cable

A Corning Cable
Systems Product

ordering information | Contact Customer Care at 800-743-2671 for other options.

R	R	<input type="checkbox"/>	13	13	<input type="checkbox"/>	<input type="checkbox"/>	U	<input type="checkbox"/>	<input type="checkbox"/>	M	<input type="checkbox"/>	S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		1			2		3			4			5			6

|1

Select pulling grip
(outside of reel)
B = Basement (pull up)
P = Penthouse (pull down)

|2

Select fiber count.
12 = 12 fibers
24 = 24 fibers

|3

Select cable type.
PN = Plenum Distribution

|4

Select pulling end
Furcation (outside
of reel).
M = 12-fiber Connectors
6 = 6-fiber MTP® Connectors
8 = 8-fiber MTP Connectors

|5

Select length.
000-999

|6

Select unit
of measure.
F = Feet
M = Meters

Part Number Example

Part Number	Description
RRP131312UPNM6S050F	RPDpass® Indoor MDU Riser Cable Assembly, 12-fiber with two 6-fiber MTP Connectors breakout, pull down, 50 ft

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