

# PasMAX™ System

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# PasMAX™ System

The CORNING logo is a black square with the word "CORNING" in white, uppercase, sans-serif font centered inside.

## PasMAX™ System Introduction

PasMAX™ system is a 19 inch patch housing solution for fibre-rich application spaces. PasMAX™ system accommodates cable termination options for pigtails and incoming cable as patch/splice, for pre-terminated cables as pure patch, and for connection cables as pure splice. Additional optical components such as WDM filters and optical splitters may be integrated as well.

The PasMAX™ system is designed for central offices, head ends, and core fibre nodes.

Its single circuit splice management provides individual fibre access without affecting other links. The system enables enhanced link protection through integrated patch cord routing.

PasMAX™ system delivers better space utilisation, higher per-rack density, and cost reduction. For the upmost flexibility, subscriber lines and transmission equipment can be mixed on demand.

The system consists of an all-front-accessible cabinet, housings assigned for splicing and patching, as well as a number of accessories to adapt the system for specific requirements. Designed for simple installation and optimised for easy maintenance, the system ensures that existing links are protected from unintended disruptions at all times.

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## PasMAX™ Front Access Cabinet with Frame

Our 40U frames can be deployed side by side, back to back, or as a standalone. Interconnect or cross-connect configurations are easy to deploy. Groups of cabinets (six frames side by side) are combined with an overlength cabinet for patch cord management and slack storage. Top cable bridges connect rows of cabinets via the overlength cabinets, enabling growth beyond 100,000 ports.

The PasMAX™ frame supports up to 720 ports (SC and LC) in a single-circuit design ( H x W x D: 2200 x 1200 x 300 mm). Side walls, a rear wall, and doors are optional. Frames are available pre-installed or ready for transport in four flat packs.

Cable entry is possible both from top and bottom.

The frame's cable management system creates a physical separation between cables that stay in the frame (front plane) from cables that exit the frame (back plane).



## Ordering Information Cabinets

Part Number	Description
PMX-FA-CAB-2212PGLAB	PasMAX™ standard offer with walls, doors and bottom channel feature
PMX-FA-CAB-2212NNLAB	PasMAX™ standard offer bare frame with bottom channel
PMX-FA-CAB-2212PGLAN	PasMAX™ closed cabinet
PMX-FA-CAB-2212PGCAN	PasMAX™ splice concentrator cabinet

Products are also available transport optimised (flat packs - in fragments)

## Ordering Information Overlength Management Frame

Part Number	Description
OLR-FA-CAB-2206NNLAB	Jumper Overlength management frame

## Cabinet Accessories

Part Number	Product Description	Units Per Delivery	
CAB-FA-KIT-22-12-RW	PasMAX™ Cabinet Accessories, rear wall set for cabinet 2200 mm x 1200 mm	1/1	
CAB-FA-KIT-12-ROOF	PasMAX™ Cabinet Accessories, roof kit for cabinet 1200 mm wide	1/1	
CAB-FA-22-12-DR-R-G	PasMAX™ Cabinet Accessories, right door for cabinet 2200 mm x 1200 mm, glass	1/1	
CAB-FA-22-12-DR-L-M	PasMAX™ Cabinet Accessories, left door for cabinet 2200 mm x 1200 mm, metal	1/1	
CAB-FA-KIT-TBRC	PasMAX™ Cabinet Accessories, top bridge to connect rows of cabinets	1/1	
CAB-FA-KIT-12-STRN	PasMAX™ Cabinet Accessories, strain relief plate 1200 mm for splice concentrator	1/1	
CAB-FA-KIT-4U-SC-STRN	PasMAX™ Cabinet Accessories, frame plate 4 U for splice concentrator	1/1	

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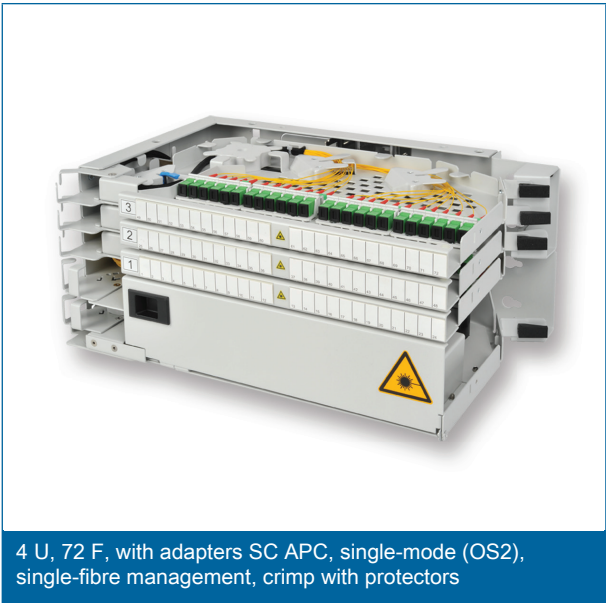


## PasMAX™ Patch and Splice Unit

The patch and splice unit combines 72 SC or LC ports with up to 216 single-element splices. It contains up to three separate adapter drawers, each holding up to 24 SC or LC adapter ports. An additional drawer houses splices in up to 36 PasMAX™ single-circuit trays or 18 PasMAX™ single-element trays. Pigtails are pre-installed to reduce installation time in the field.

The drawers rotate to provide easy access without disturbing patch cords.

Each adapter can be lifted for easy patching.



4 U, 72 F, with adapters SC APC, single-mode (OS2), single-fibre management, crimp with protectors

## Ordering Information

**P M X - 3 S 0 0 7 2**

1      2      3      4      5

**1** Select number of installed shelves.  
 3S = three shelves accommodate up to 72 adapters

**2** Select Fibre count.  
 0072 = 72 fibres

**3** Select adapter type.  
 3C58 = SC UPC, SMF  
 6C44 = SC APC, SMF  
 A902 = LC UPC, SMF  
 B322 = LC APC, SMF  
 P119 = E2000 APC, SMF  
 P220 = E2000 UPC, SMF

**4** Select pigtail cable.  
 T = 900um Tight Buffer Easy Strip (TB)  
 J = 1.8mm Jacketed with Easy Strip (TB)

**5** Select splice tray option.  
 01 = Single circuit mgmt, shrink, no protectors  
 02 = Single circuit mgmt, shrink with protectors  
 03 = Single circuit mgmt, crimp no protectors  
 04 = Single circuit mgmt, crimp with protectors  
 05 = Multi fibre mgmt, shrink no protectors  
 06 = Multi fibre mgmt, shrink with protectors  
 08 = Multi fibre mgmt, crimp no protectors  
 09 = Multi fibre mgmt, crimp with protectors



## PasMAX™ Patch Unit

Our patch unit offers a pure patch solution either with pre-connectorised cable assemblies or field-installable connector solutions. The unit has three drawers each with 24 ports (SC or LC).

The adapters can be lifted for easy patching. Drawers rotate for technician-friendly access while keeping the movement of the cable to a minimum.

It is also possible to combine this module with PasMAX™ splice unit and pigtails.

## Ordering Information

P	M	X	-	<input type="text"/>	<input type="text"/>	0	0	0	0	<input type="text"/>	<input type="text"/>	0	0	N	0	B
				<b>1</b>						<b>2</b>						

- 1** Select number of installed shelves.
  - 1S = one shelf accommodates up to 24 adapters
  - 2S = two shelves accommodate up to 48 adapters
  - 3S = three shelves accommodate up to 72 adapters

- 2** Select adapter type.
  - 3C = SC UPC
  - 6C = SC APC
  - A9 = LC UPC
  - B3 = LC APC
  - P1 = E2000 APC
  - P2 = E2000 UPC

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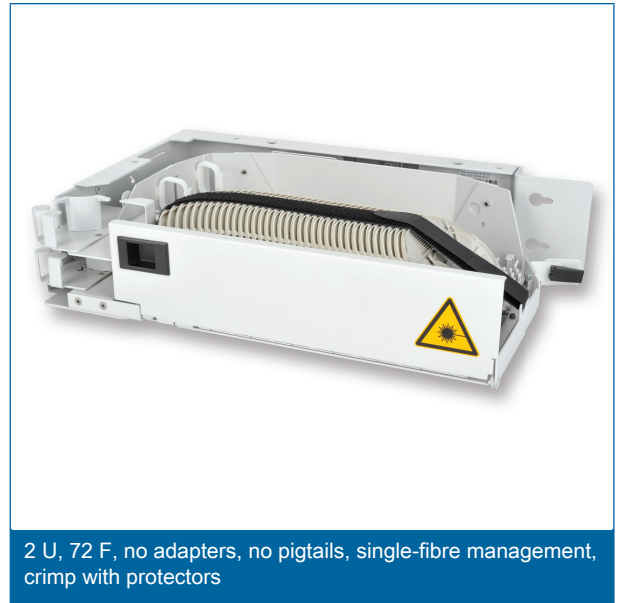
## PasMAX™ Splice Unit

This splice unit offers a pure splice solution for up to 36 PasMAX™ single-circuit trays, 18 PasMAX™ single-element trays, or combination of the two tray types.

In a single-circuit installation, it is possible to splice up to 72 cable pigtails (maximum diameter of 2,4 mm). Single-element installations allow up to 216 splices. PasMAX™ trays are available for heat-shrink or crimp splice protectors.

Drawers rotate out for easy access to each splice tray with minimal cable movement. Fibres enter the PasMAX™ tray through a rotation point to minimise disruption to fibres when the trays are accessed and moved.

It is possible to combine splice units with PasMAX™ patch modules and pigtails.



2 U, 72 F, no adapters, no pigtails, single-fibre management, crimp with protectors

## Ordering Information

P	M	X	-	0	S	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0	0	0	0	N	<input type="text"/>	<input type="text"/>	
														1			2

**1** Select Fibre count.

- 0024 = 24 fibres
- 0048 = 48 fibres
- 0072 = 72 fibres
- 0216 = 216 fibres

**2** Select splice tray option.

- 01 = Single circuit mgmt, shrink, no protectors
- 02 = Single circuit mgmt, shrink with protectors
- 03 = Single circuit mgmt, crimp no protectors
- 04 = Single circuit mgmt, crimp with protectors
- 05 = Multi fibre mgmt, shrink no protectors
- 06 = Multi fibre mgmt, shrink with protectors
- 08 = Multi fibre mgmt, crimp no protectors
- 09 = Multi fibre mgmt, crimp with protectors

- D1 = Single circuit mgmt, shrink, no protectors, direct splice option (cable pigtails)
- D2 = Single circuit mgmt, shrink with protectors, direct splice option (cable pigtails)
- D3 = Single circuit mgmt, crimp no protectors, direct splice option (cable pigtails)
- D4 = Single circuit mgmt, crimp with protectors, direct splice option (cable pigtails)

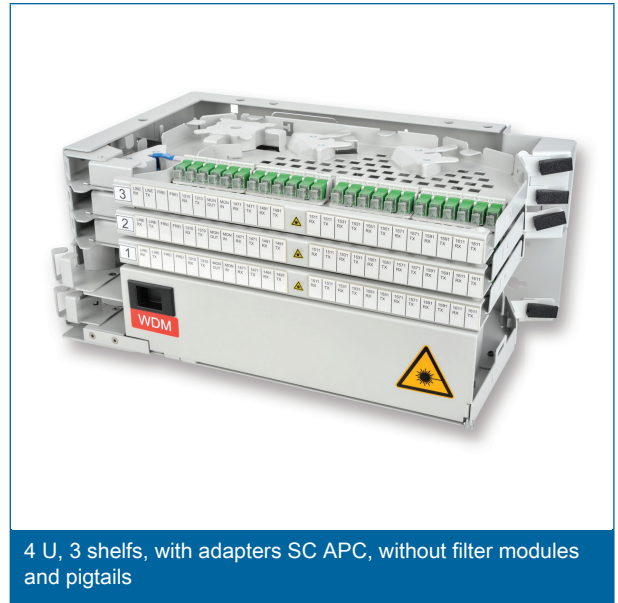
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## PasMAX™ WDM Shelf

This WDM shelf can hold up to three WDM filter modules with 2 mm legs. Input/output connectors are already pre-connectorised.

Drawers rotate out for easy access to each splice tray while keeping patch cord movement to a minimum.



4 U, 3 shelves, with adapters SC APC, without filter modules and pigtails

## Ordering Information

Part Number	Description
PMX-3S00666C00N0A	PasMAX™ WDM Unit, 4 U, 3 shelves, with adapters SC APC, without filter modules and pigtails

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## PasMAX™ System Accessories

The PasMAX system's modularity enables custom configurations for any application. Our accessories are available to adapt the system, add on to it, or replace missing parts.

Part Number	Product Description	Units Per Delivery	
CAB-BG-19D	Cabinet top bridge 128-190 cm	1/1	
CAB-FC	Mounting kit for side-by-side and back-to-back cabinet connections	1/1	
CAB-PS3EU	Power socket kit, 1 pce	1/1	
CAB-WS	Splice and workshelf for the cabinet	1/1	
CAB-RF-04	Roof plate for top cable entry	1/1	
CAB-RF-05	Roof brush for top jumper entry	1/1	
CAB-DT-A4	Documentation Pocket A4	1/1	
CAB-PD1203	Isolation pad for electrical ground isolation	1/1	
CAB-SR-SPP	Cabinet strain relief plate speed pipe	1/1	

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## Other Resources / Useful Links

Our products are just part of the value we deliver. Browse our resources below, and let us know how we can help with your network's challenges. [cc.emea@corning.com](mailto:cc.emea@corning.com) or +00 800 2676 4641

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