Optiscale Pivoting Panel

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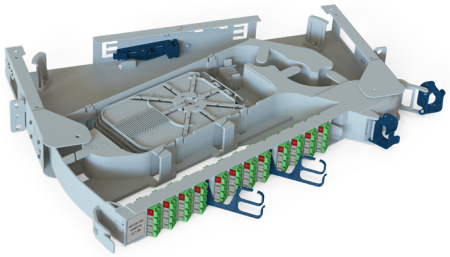
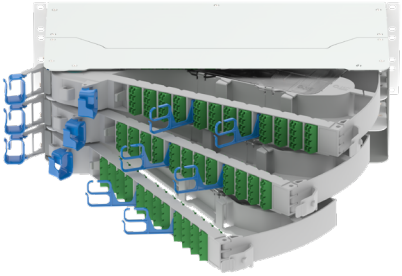
PPC® A BELDEN BRAND

Features & Benefits

- Variants: **1U (standard), 2U or 3U**
- 48 x SC or 96 x LC ports per 1U
- Pivoting design for fast and safe access to connectivity
- Opening directions either to the left or to the right (standard)
- Variable fiber types and color codes possible
- Horizontal patchcord support and rotating cord guides
- Multiple rail fixing options (rear, center and front)
- Integrated parking position for up to 4 x SC/8 x LC ports
- Fiber transition tubes for fast and easy installation
- Hinged splice cassettes (crimp splice protectors or heat shrink splice protectors) for clear separation of fiber bundles
- Angled adapters for laser safety and improved cable routing (adapters with port labeling)
- Can be patched in static state





Overview

The PPC Optiscale Pivoting Chassis is a high density fiber management system that allows up to 48 x SC simplex connections or 96 x LC connections in a single 1U of rack space. Cables enter the chassis from the rear side and patchcords exit from the front. The chassis offers multiple rail fixing options (rear, center and front) and can therefore be used multifunctionally for various applications. The pivoting design of the chassis means that the splice cassettes and pigtail connectors are easily accessible. This pivoting design also reduces the amount of movement of the fiber patchcords during MACs (Moves, Adds and Changes). The Optiscale pivoting chassis is generally designed for splice/patch applications, however other variants are available on request such as pre-terminated or splitter solutions.

Technical Data

Fiber capacity per 1U	Adapter type
48 x SC or 96 x LC connections	SC simplex or LC duplex

Adapter IL	Standard compliance	Connector performance
dB		
<0.2	IEC 60297-3, IEC 61754-4, GR-326	Grade B

Operating temperature	2011/65/EC RoHS	Environmental protection
°C (°F)		
-10 to 60 (14 to 140)	Fully compliant	IP20

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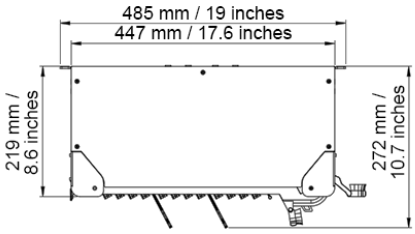
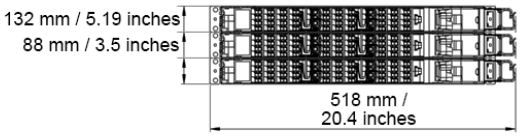
Technical Drawing





Ordering Information

Example

MPS01	3	2	1 1	4 8	3 2	9 6	1	-	0
	1	2	3	4	5	6	7		

1 Panel Height

1 = 1 U
2 = 2 U
3 = 3 U

2 Pivot side

1 = Left handed
2 = Right handed

3 Adapter Type

10 = LC duplex flangeless, blue
11 = LC duplex flangeless, green
30 = SC simplex flangeless, blue
31 = SC simplex flangeless, green

4 Adapter Quantity per 1U

12 = 12
24 = 24
48 = 48

5 Pigtail Type*

02 = ISO(EIA/598-A) SM G657A1 LC UPC Pigtail
03 = ISO(EIA/598-A) SM G657A2 LC UPC Pigtail
08 = ISO(EIA/598-A) SM G657A1 LC APC Pigtail
09 = ISO(EIA/598-A) SM G657A2 LC APC Pigtail
14 = ISO(EIA/598-A) SM G657A1 SC UPC Pigtail
15 = ISO(EIA/598-A) SM G657A2 SC UPC Pigtail
20 = ISO(EIA/598-A) SM G657A1 SC APC Pigtail
21 = ISO(EIA/598-A) SM G657A2 SC APC Pigtail
26 = DIN (IEC 60304) SM G657A1 LC UPC Pigtail
27 = DIN (IEC 60304) SM G657A2 LC UPC Pigtail
32 = DIN (IEC 60304) SM G657A1 LC APC Pigtail
33 = DIN (IEC 60304) SM G657A2 LC APC Pigtail
38 = DIN (IEC 60304) SM G657A1 SC UPC Pigtail
39 = DIN (IEC 60304) SM G657A2 SC UPC Pigtail
44 = DIN (IEC 60304) SM G657A1 SC APC Pigtail
45 = DIN (IEC 60304) SM G657A2 SC APC Pigtail

6 Pigtail Quantity per 1U

12 = 12
24 = 24
48 = 48
96 = 96 (LC only)

7 Splice Protection*

1 = Crimp splice
3 = Heatshrink (small)

* Not all Pigtail Types and Splice Protections are available for all regions.

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