Optiscale Pivoting Splitter Chassis 1U 96 PON (rear-mounted)

Features & Benefits

- 1U, 19" standard panel (IEC 60297-3), RAL7035
- Capacity of 96 PON connections
- up to 96 x LC ports per 1U
- Pivoting design for fast and safe access to connectivity
- Pivot side: Right handed
- Angled adapters for laser safety and improved cable routing
- Hinged splice cassettes for clear separation of fiber bundles
- Horizontal patch cord support and rotating cord guide
- Rail fixing option: Rear
- Integrated parking position for up to 4 x SC/8 x LC ports
- Loaded with 1:8 or 1x16 splitters:
  - Input SC PC, length 2,5m
  - Output LC APC, cascaded, pulling tab
- One preassembled 13mm fiber transition conduit for fast and easy installation. Length approx. 90cm from the left panel edge
- Bend-insensitive fiber G.657 A1 or G.657 A2
- Color code: DIN IEC 60304
- For crimp splice protectors

Overview

The PPC Pivoting Splitter Chassis is a rear-mounted, high density fiber management system that allows up to 96 x LC splitter connections to be distributed in a single 1U of rack space. The pre-terminated PLC splitters are fixed directly to the side of the chassis where they are patched to angled LC adapters. This close-proximity of the splitter to the panel reduces the need to have splitter tails managed elsewhere in the cabinet and creates an extremely practical and tidy installation.

The PPC Pivoting Splitter Chassis is 'pre-configured' and 'installation-ready' with an initial capacity of 96 PON connections and one 13mm conduit is preassembled at the rear of the chassis for easy insertion of the loose tubes. The pivoting design of the chassis means that the splicing tray and splitter connectors are easily accessible.

Technical Data

Optical Data 1:8 splitter

Operating wavelength	Return loss	Directivity	Maximum input power	Fiber type	Insertion Loss
nm	dB	dB	mW		dB
1260 ~ 1650	≥50	≥55	500	G.657.A2	10.5

Uniformity	PDL	Wavelength Dependent Loss	Temperature Loss	Connector Loss
dB	dB	dB	dB	dB
0.8	0.3	0.8	0.5	0.3

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Optical Data 1:16 splitter

Operating wavelength	Return loss	Directivity	Maximum input power	Fiber type	Insertion Loss
nm	dB	dB	mW		dB
1260 ~ 1650	≥55	≥55	500	G.657.A1	13.5

Uniformity	PDL	Wavelength Dependent Loss	Temperature Loss	Connector Loss
dB	dB	dB	dB	dB
1.0	0.25	0.8	0.5	0.25

Environmental Data

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

Technical Drawing
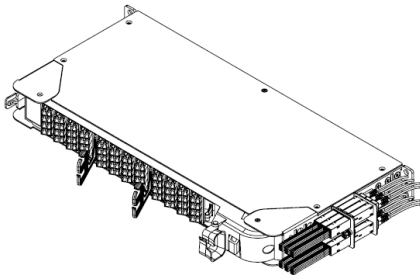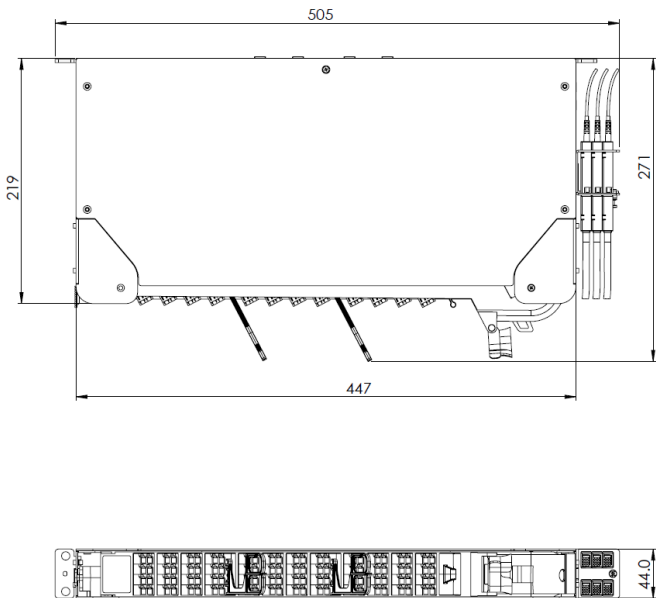
Ordering Information

Part Number	Description
MPS0112114833961-2	Pivoting Splitter Chassis 1U, 96x PON, 12x 1x8 PLC
MPS0112114833961-3	Pivoting Splitter Chassis 1U, 48x PON, 3x 1x16 PLC, 48x P2P
MPS0112114833961-6	Pivoting Splitter Chassis 1U, 96x PON, 6x 1x16 PLC