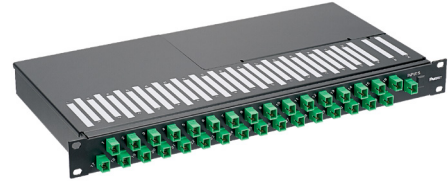


Passive Optical Network (PON) Splitter Tray

SPECIFICATIONS

Panduit's Passive Optical LAN Splitter Trays are rack mountable enclosures that contain optical splitters used in Passive Optical Networks. These rugged enclosures are offered in a variety of configurations making them ideal to be mounted in centralized splitting locations close to the Optical Line Terminal (OLT) or remote splitting locations nearer the Optical Network Unit (ONU). Configurations include both single and dual input ports (for redundancy) that come pre-terminated with SC-APC connectors or are splice-ready, and have between 8 to 32 output ports. The enclosures are based on high quality Planar Lightwave Circuit (PLC) splitters and enable the highest performance and reliability, including minimal insertion loss, wide operating wavelength range and excellent channel-to-channel uniformity.



APPLICATIONS

Deployment of rack-mounted splitters for use in passive optical LAN and Broadband installations including end-of-row, wall-mount, or in-ceiling zone enclosures and telecommunications closets allowing for 1RU mounting.

PHYSICAL AND MECHANICAL PROPERTIES:

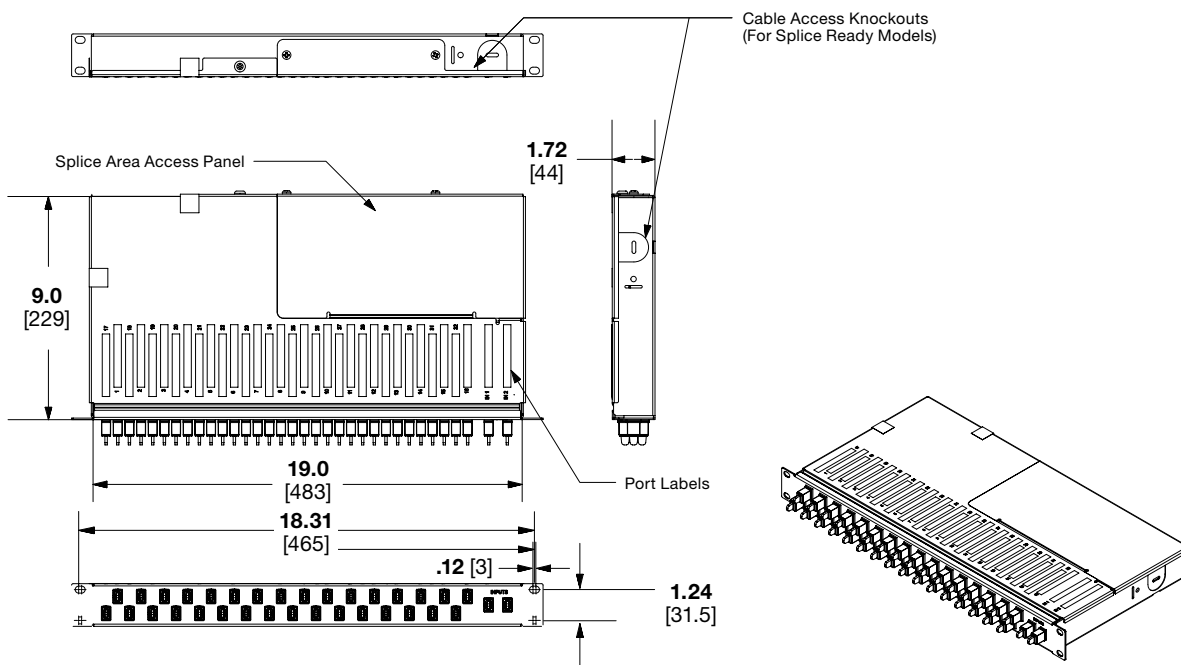
Splitter configuration:	1x8	1x16	1x32	2x8	2x16	2x32
Maximum insertion loss (dB):	10.7	14.2	17.0	11.2	14.6	17.5
Uniformity (dB) :	1.0	1.5	2.0	1.5	2.0	2.5
Splitter technology	Planar Light Wave Circuit (PLC)					
Fiber type:	Singlemode (ITU-T G. 657 Category A)					
Operating wavelength (nm):	1260-1650					
Directivity (dB):	> 55					
Return loss (dB):	> 55					
Connector type:	SC-APC					
Temperature range:	Storage: -40 - 75 °C Operation: -10 - 60 °C					
Operation/Storage humidity:	85%(RH)					
Mounting:	19" Rack, 1RU (EIA-310-D)					
Color:	Enclosure: Black, Connector Adapters: Green Printing: White					
Compliance:	Meets or Exceeds: TIA/EIA-568-C.3, TIA-604-3A (FOCIS-3), TIA/EIA-310-D, ROHS Compliant					

ORDERING INFO LIST

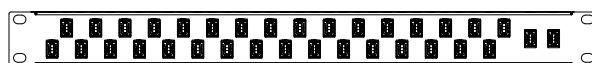
Part Number	Description
FCP9PP-1083GG	1 RU Splitter Tray for Optical LAN, 1X8 Split Ratio, SC/APC Input and Output Ports
FCP9PP-1163GG	1 RU Splitter Tray for Optical LAN, 1X16 Split Ratio, SC/APC Input and Output Ports
FCP9PP-1323GG	1 RU Splitter Tray for Optical LAN, 1X32 Split Ratio, SC/APC Input and Output Ports
FCP9PP-2083GG	1 RU Splitter Tray for Optical LAN, 2X8 Split Ratio, SC/APC Input and Output Ports
FCP9PP-2163GG	1 RU Splitter Tray for Optical LAN, 2X16 Split Ratio, SC/APC Input and Output Ports
FCP9PP-2323GG	1 RU Splitter Tray for Optical LAN, 2X32 Split Ratio, SC/APC Input and Output Ports
FCP9SP-1083GG	1 RU Splitter Tray for Optical LAN, 1X8 Split Ratio, Splice-Ready Inputs with SC/APC Output Ports
FCP9SP-1163GG	1 RU Splitter Tray for Optical LAN, 1X16 Split Ratio, Splice-Ready Inputs with SC/APC Output Ports
FCP9SP-1323GG	1 RU Splitter Tray for Optical LAN, 1X32 Split Ratio, Splice-Ready Inputs with SC/APC Output Ports
FCP9SP-2083GG	1 RU Splitter Tray for Optical LAN, 2X8 Split Ratio, Splice-Ready Inputs with SC/APC Output Ports
FCP9SP-2163GG	1 RU Splitter Tray for Optical LAN, 2X16 Split Ratio, Splice-Ready Inputs with SC/APC Output Ports
FCP9SP-2323GG	1 RU Splitter Tray for Optical LAN, 2X32 Split Ratio, Splice-Ready Inputs with SC/APC Output Ports

Passive Optical Network (PON) Splitter Tray

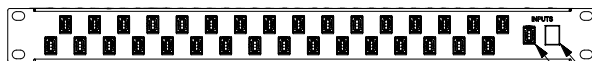
ENGINEERING DRAWING



32 OUTPUT PON SPLITTER TRAY FRONT PANELS

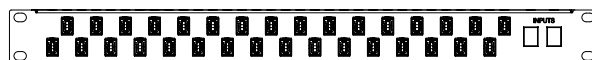


FCP9PP-2323GG (2 Front Inputs, 32 Outputs)



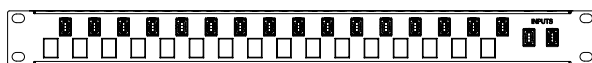
FCP9PP-1323GG (1 Front Input, 32 Outputs)

No Adapter (Port Blanked Out)
SC/APC Adapter

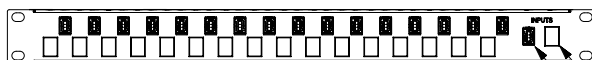


FCP9SP-1323GG (1 Splice Ready Input, 32 Outputs)
FCP9SP-2233GG (2 Splice Ready Inputs, 32 Outputs)

16 OUTPUT PON SPLITTER TRAY FRONT PANELS



FCP9PP-2163GG (2 Front Inputs, 16 Outputs)



FCP9PP-1163GG (1 Front Input, 16 Outputs)

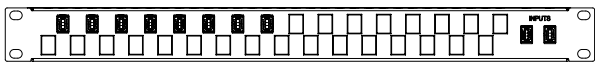
No Adapter (Port Blanked Out)
SC/APC Adapter



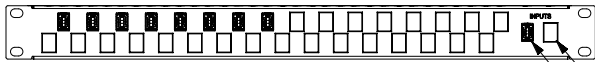
FCP9SP-1163GG (1 Splice Ready Input, 16 Outputs)
FCP9SP-2163GG (2 Splice Ready Inputs, 16 Outputs)

Passive Optical Network (PON) Splitter Tray

8 OUTPUT PON SPLITTER TRAY FRONT PANELS

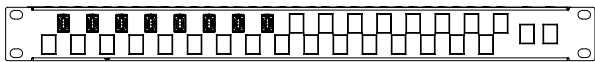


FCP9PP-2083GG (2 Front Inputs, 8 Outputs)



FCP9PP-1083GG (1 Front Input, 8 Outputs)

No Adapter (Port Blanked Out)
SC/APC Adapter



FCP9SP-1083GG (1 Splice Ready Input, 8 Outputs)
FCP9SP-2083GG (2 Splice Ready Inputs, 8 Outputs)

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or by phone: 800.777.3300

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