

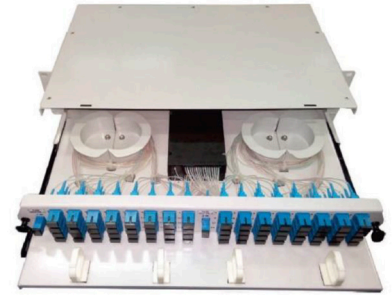
# Fiber Optic Splitter Panel

## Sliding 19-inch | 2U PLC



### Features & Benefits

- Fast and easy front access to all splitter ports
- Bi-directional performance with accurate split ratios
- Ultra-broadband range (1260 ~ 1650nm)
- Low insertion loss; excellent uniformity
- Low Polarization Dependent Loss (PDL)
- Low Polarization Mode Dispersion (PMD)
- Solid steel construction from powder coated CRCA
- Integrated fiber management accessories



### Overview

The PPC Sliding 19-inch Fiber Optic Splitter Panel is designed for quick installation and easy access to the splitter ports, which maximize fiber density in 2U rack spaces. Fiber management is integrated into the front of the splitter panel to facilitate efficient management of the fiber jumpers.

PPC's PLC splitters are based on Planar Lightwave Circuit technology with precision alignment. They split or combine light from one or two input fibers and multiple output fibers uniformly over a wide spectral range with ultra-low insertion loss and low polarization dependent loss. The splitters provide excellent optical performance and high reliability, and are suitable for indoor or outdoor environments.

### Technical Data

#### Product Specifications

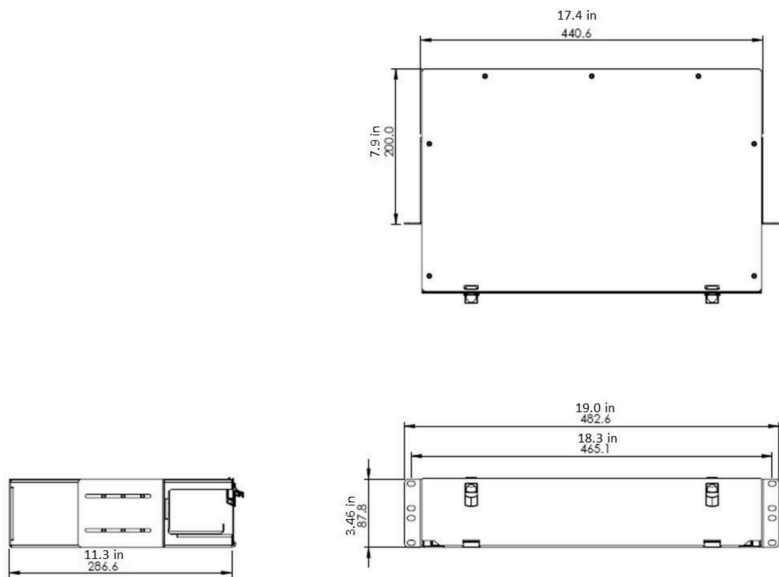
Description	Value									
Operating Wavelength	1260 ~ 1650nm									
Return Loss	55dB minimum									
Directivity	55dB minimum									
Operating Temperature	-40°F to 185°F (-40°C to 85°C)									
Storage Temperature	-40°F to 185°F (-40°C to 85°C)									
Maximum Input Power	500mW									
Fiber Type	SM G657.A1									
Connector Type	SC or LC									
Parameter	1x4	1x8	1x16	1x32	1x64	2x4	2x8	2x16	2x32	2x64
Insertion Loss (dB)	7.0	10.4	13.6	17.0	20.4	7.6	10.8	14.0	17.5	21.0
Channel Uniformity (dB)	0.6	0.8	1.2	1.6	2.0	1.0	1.0	1.5	1.8	3.0
Polarization Dependent Loss (dB)	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Wavelength Dependent Loss (dB)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
UPC Connector Loss (dB)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
APC Connector Loss (dB)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

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### Technical Drawing



### Ordering Information - Code Builder

Example	APL2	2	208	SCA	SCU	- LG
Character		1	2	3	4	

**1. Splitter count**  
1 = One splitter  
2 = Two splitters

**3. Input connector type(s)**  
SCA = SC/APC simplex  
SCU = SC/UPC simplex

**2. Splitter type**  
104 = 1x4 splitter (one or two)  
108 = 1x8 splitter (one or two)  
116 = 1x16 splitter (one or two)  
132 = 1x32 splitter (one or two)  
164 = 1x64 splitter (only one)  
204 = 2x4 splitter (one or two)  
208 = 2x8 splitter (one or two)  
216 = 2x16 splitter (one or two)  
232 = 2x32 splitter (only one)  
264 = 2x64 splitter (only one)

**4. Output connector types**  
SCA = SC/APC simplex  
SCU = SC/UPC simplex