



# ABS Box PLC Splitter

WI-POS102B | WI-POS104B | WI-POS108B | WI-POS116B | WI-POS132B  
WI-POS202B | WI-POS204B | WI-POS208B | WI-POS216B | WI-POS232B

## Overview

PLC Splitter is a type of optical power management device that is fabricated using silica waveguide technology. Wi-Tek provides whole series of 1xN and 2xN splitter products that are tailored for specific applications. Besides, Different types of connectors be provided according to different needs of users.

## Features

- . Low Insertion loss
- . Low PDL
- . Compact Design
- . High Reliability and Stability
- . Good Channel-to-channel Uniformity
- . Split Ratio, and Connector Options can be Customized
- . Wide Operating Wavelength: From 1260nm to 1650nm
- . Wide Operating Temperature: From  $-40^{\circ}\text{C}$  to  $85^{\circ}\text{C}$

# Specifications

## 1\*N Splitters:

Model number		WI-POS102B	WI-POS104B	WI-POS108B	WI-POS116B	WI-POS132B	
Parameter	Unit	Value					
Product Type	/	1x2	1x4	1x8	1x16	1x32	
Operating Wavelength	nm	1260~1650					
Insertion Loss	Typ.	dB	3.6	7.0	10.2	13.5	16.6
	Max.	dB	4.1	7.5	10.5	13.8	17.1
Uniformity (Max.)	dB	0.5	0.8	0.8	1.4	1.5	
PDL(Max.)	dB	0.2	0.3	0.3	0.3	0.3	
Return Loss	dB	≥55(APC Connector) ≥50(*UPC Connector)					
Directivity	dB	≥55					
Package Style	/	ABS Module					
Connector Type*	/	SC/APC *FC/APC, LC/APC, FC/UPC, LC/UPC, ST/UPC can be customized					
Fiber Type	/	G.657A1					
Input/Output Fiber Diameter*	mm	2.0 * 0.9/3.0 can be customized					
Pigtail length*	m	1 *Other pigtail length can be customized					
Fiber Mode	/	Single mode					
Dimensions	mm	100x80x10			120x80x18		
Temperature	°C	-40~85					

## 2\*N Splitters:

Model number		WI-POS202B	WI-POS204B	WI-POS208B	WI-POS216B	WI-POS232B	
Parameter	Unit	Value					
Product Type	/	2x2	2x4	2x8	2x16	2x32	
Operating Wavelength	nm	1260~1650					
Insertion Loss	Typ.	dB	4.1	7.2	10.5	13.8	17.0
	Max.	dB	4.5	7.6	11.0	14.8	17.9
Uniformity (Max.)	dB	0.8	1.0	1.2	1.5	1.8	
PDL(Max.)	dB	0.2	0.3	0.3	0.3	0.3	
Return Loss	dB	≥55(APC Connector) ≥50(*UPC Connector)					
Directivity	dB	≥55					
Package Style	/	ABS Module					
Connector Type*	/	SC/APC *FC/APC, LC/APC, FC/UPC, LC/UPC, ST/UPC can be customized					
Fiber Type	/	G.657A1					
Input/Output Fiber Diameter*	mm	2.0 * 0.9/3.0 can be customized					
Pigtail length*	m	1 *Other pigtail length can be customized					
Fiber Mode	/	Single mode					
Dimensions	mm	100x80x10			120x80x18		
Temperature	°C	-40~85					



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Cloud Management



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