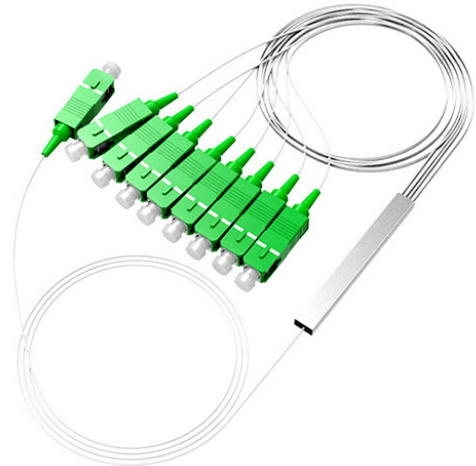


# Fiber Optic PLC Splitter 1×8 SC APC Mini Splitter

## Description

PLC splitter, also known as Planar Lightwave Circuit splitter, is one of the most important passive devices in the fiber optic link. The plc splitter 1×8 is a fiber optic convergence with 1 inputs and multiple outputs device. It realizes the coupling, branching and distribution of optical signals in optical network systems.



## Features

- Low insertion loss
- Low polarization dependent loss
- Compact design
- Good spectral uniformity
- Wide operating wavelength range: 1260nm ~ 1650nm
- Wide operating temperature range: -40° C ~ 85° C

## Product Specifications

Type	1x2	1x4	1x8	1x16	1x32	1x64
Wavelength (nm)	1260 ~1650					
Optical Fiber	G.657A or specified					
Insertion Loss (dB) (P/S level)	3.8/4.0	7.0/7.2	10.3/10.5	13.5/13.7	16.5/16.8	20.1/20.5
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2.0
Return Loss (dB) (P/S level)	55/50	55/50	55/50	55/50	55/50	55/50
Polarization Related Loss (dB)	0.2	0.2	0.2	0.25	0.3	0.35
Directional (dB)	55	55	55	55	55	55
Wavelength Related Loss (dB)	0.3	0.3	0.3	0.3	0.5	0.5
Temperature Stability (-40 ~85°C) ( dB)	0.4	0.4	0.4	0.5	0.5	0.5
Storage Temperature (°C)	-40 ~ +85					
Storage Temperature (°C)	-40 ~ +85					

**Applications:** FTTH, PON, CATV and other optical splitting system