



✓ Low Smoke Zero Halog (lszh)

✓ 1x2-1x4-1x8-1x16-1x32-1x64

## Description:

Planar lightwave circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity, and is widely used in PON networks to realize optical signal power splitting.

Single mode SC/APC splitters wit different configurations.

Low Insertion Loss, Back Reflection and PDL

Operating temperature: -20 ~ +70 °C

Storage Temperature: -40 ~ +85 °C

## Applications:

LAN, WAN, CATV and metro networks  
 FTTH project and FTTX deployments  
 GPON, EPON, GEAPON  
 Fiber optic test equipment  
 Data-base transmit broadband networks

### Technical Specifications for PLC Splitter:

Parameter	Values						Units
Wavelength	1310 - 1550						nm
Configuration	1X2	1x4	1x8	1x16	1x32	1x64	
Max. Insertion Loss	3,8	7,1	10,5	13,7	16,9	21,0	dB
Max. Uniformity Max.	. 3	. D	0,8	1,2	1,5	2,5	dB
PDL	. A5	. -	0,2	1,25	0,3	0,35	dB
Min. Return Loss Min	55						dB
Directivity Operating	55						dB
Tempure Dimensions	-40 to +85						C°
Dimensions	3,2x3,9x40						

*Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.*