

## Splitter

1x2-1x4-1x8-1x16-1x32-1x64

## LSZH

Low Smoke Zero Halogen

### 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 excellent channel-to-channel uniformity. As a result, it is widely used in PON networks to realize optical signal power splitting.

- Single mode SC/APC splitters with 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 & FTTX Deployments
- GPON, EPON, GEPON
- Fiber Optic Test Equipment
- Data-base Transmit Broadband Networks

### Technical Specifications for PLC Splitter:



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