

## PLC Splitter (PON Splitter)

Planar lightwave circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology to distribute optical signals from Central Office (CO) to multiple premise locations.

### Applications:

FTTH Network  
 Lan and CATV System  
 Data Communications  
 Optical Signal Distribution  
 DWDM and CWDM Systems  
 Passive Optical Networks(PON)

### Features:

1xN and 2xN are available  
 OEM Service available  
 High Uniformity  
 Low Insertion Loss & PDL  
 Silica Technology  
 Silica FA Technology



### Optical Performance 1xN Type (Standard)

Specification	Unit	1x2	1x4	1x8	1x16	1x32
Insertion Loss Max	db	<4.0	<7.3	<10.5	<13.9	<17.2
Uniformity	db	0.5	0.6	0.8	0.8	1.1
PDL	db	0.2	0.2	0.3	0.3	0.3
Return Loss	db	≥55dB				
Directivity	db	≥55dB				
Working Wavelength	nm	1260~1650				
Measuring Wavelength	nm	1310~1550				
Storage Temperature	°C	-40~+85				
Operating Temperature	°C	-40~+85				

>>> Above data is PLC splitter with SC connector insertion loss.

### Product Overview



Encapsulate Steel tube Dimension	1x2	1x4	1x8	1x16	1x32
Blockless	60x7x4	60x7x4	60x7x4	60x12x4	80x20x6

>>> Length x Width x Height, mm