

# PLC Splitter 1×8 SC UPC Insert Cassette Card Type Optical Splitter

## Description

Cassette PLC splitter has a compact and small structure. The optical splitter is installed and fixed in the cassette box. Adapter interface types are SC/FC/LC, etc. It's a modular design and mainly vertically installed in standard 19 inch and 21-inch optical distribution frame (ODF).



## Features

- PLC splitter loss is not sensitive to wavelength
- Has good splitting uniformity
- Temperature resistance
- Meet transmission needs of different wavelength
- Compact structure, small volume
- Good fiber routing design ensures the bending radius of optical fibers

## Product Specifications

Splitter Type	1x2	1x4	1x8	1x16	1x32	1x64
Wavelength	1260nm ~ 1650nm					
Insertion Loss (MAX) A	3.6	7.2	10.2	13.5	16.2	20.5
Insertion Loss (MAX) B	4	7.4	10.5	13.7	16.7	21
Uniformity (dB)	0.4	0.6	0.8	1	1.2	1.8
Polarization Loss (dB)	0.2	0.2	0.3	0.3	0.3	0.4
Directionality (dB)	55					
Return Loss (dB)	55					
Operation Temperature	-40 ~ +85 °C					
Storage Temperature	-40 ~ +85 °C					

Splitter Type	2x2	2x4	2x8	2x16	2x32
Wavelength	1260nm ~ 1650nm				
Insertion Loss (MAX) A	3.8	7.5	10.7	14	17
Insertion Loss (MAX) B	4.2	7.8	11	14.2	17.5
Uniformity (dB)	0.6	1	1.2	1.5	1.8
Polarization Loss (dB)	0.2	0.2	0.3	0.3	0.3
Directionality (dB)	55				
Return Loss (dB)	55				
Operation Temperature	-40 ~ +85 °C				
Storage Temperature	-40 ~ +85 °C				

**Applications:** Rack mount standard ODF, fiber distribution box, fiber cabinet