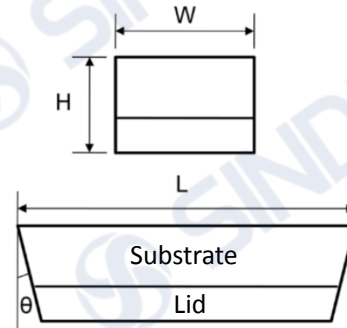
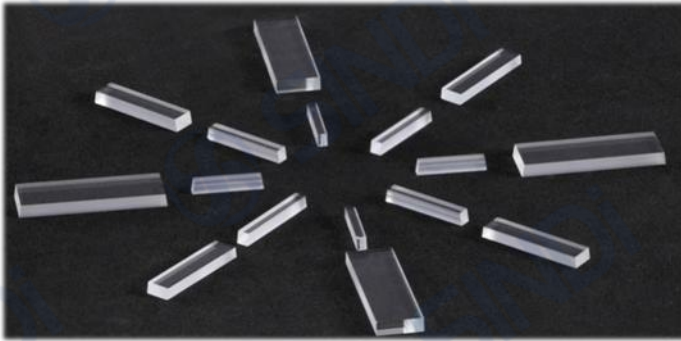


PLC Splitter

PLC Splitter Chip



PLC Splitter Chip is based on lithography technology to divide the optical power from one or two input port(s) into multiple output ports by Planar Lightwave Circuit technology. As one of the key components of PLC Splitter, SINDi's Chip has high photonic stability and reliability.

FEATURES	APPLICATIONS
<ul style="list-style-type: none"> •Uniform Chemical Characteristics •Low Insertion Loss & PDL •High Reliability •Wide Operating Wavelength •RoHS Compliance 	<ul style="list-style-type: none"> •Splitter Box •Wall-mount Splitter Box •Other ODN Products

Parameters	1X2	1x4	1x8	1x16	1x32	1x64	UNIT	
Wavelength	1260 ~ 1650						nm	
Insertion Loss / Max.	3.6	6.8	9.8	13.2	16.3	19.6	dB	
Uniformity	0.5	0.6	0.7	0.9	1.2	1.4	dB	
Return Loss / Min.	55	55	55	55	55	55	dB	
PDL / Max.	0.15	0.15	0.15	0.15	0.15	0.20	dB	
Directivity / Min.	55	55	55	55	55	55	dB	
Operating Temperature	-40~85						°C	
Core Pitch	250	250	127	127	127	127	um	
Dimension (After Polishing)	L (±0.3)	8.8	10.4	13	16.7	20	27.2	mm
	W (±0.1)	1.8	1.8	1.8	2.3	4.5	8.4	mm
	H (±0.2)	2.5						mm
	Angle (±0.3)	8						°