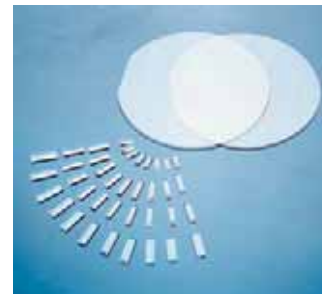


# PLC Splitter Chip

## PPI PLC Splitter Chip

PLC Splitter Chip is a main part of PON system to cover many subscribers for receiving light signals at the same time by distributing delivered light signals into number. In addition to Splitter Chip can be operated in reverse direction with combination of one or two optical fiber(s).



## Applications

Applications are FTTH, FTTB, FTTC, CATV Networks System, PON(Passive Optical Network)System, Fiber Optic Equipment and Systems, etc.

## 1 x N type

Type	Wavelength Range (nm)	IL max (dB)	IL Uni (dB)	PDL (dB)	Dimensions			08	R8
					Width	Height			
1x2	1260 - 1650	3.5	0.3	0.12	2.3	2.575	9.6	08	250
1x3		5.8	0.5	0.12	2.3	2.575	9.6	08	250
1x4		6.7	0.5	0.12	2.3	2.575	9.6	08	250
1x6		8.8	0.6	0.12	2.5	2.575	13.2	08	250
1x8(f)		9.8	0.6	0.15	2.5	2.575	11.7	08	250
1x8(h)		9.8	0.6	0.15	2.3	2.575	9.9	08	127
1x12		11.8	0.8	0.15	2.3	2.575	14.7	08	127
1x16		12.9	0.8	0.15	2.65	2.575	13.3	08	127
1x24		15.1	1.1	0.15	3.9	2.575	20.3	08	127
1x32		16.2	1.0	0.2	4.7	2.575	16.9	08	127
1x64		19.5	1.2	0.2	8.85	2.575	22.0	08	127
1x128		22.5	1.5	0.3	17.0	2.575	27.6	08	127

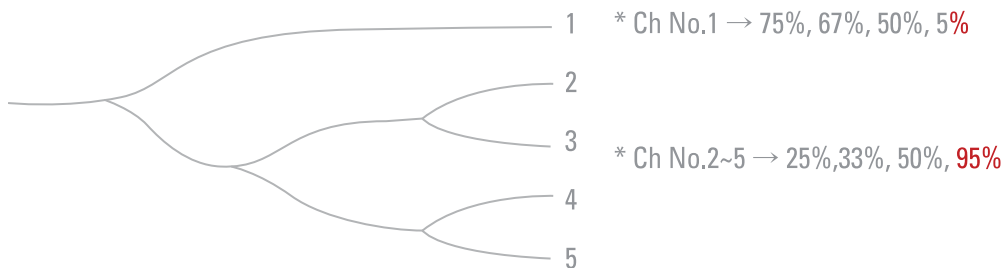
# PLC Splitter Chip

## 2 x N type

Type	Wavelength Range (nm)	IL max (dB)	IL Uni (dB)	PDL (dB)	Dimensions (mm)			Angle	OutputPort Pitch (um)
					Width	Height	Length		
2x2	1260 - 1650	3.7	0.8	0.2	2.3	2.575	10.9	08	250
								R8	
2x4		7.0	1.0	0.2	2.3	2.575	14.0	08	250
								R8	
2x8		10.2	1.0	0.2	2.3	2.575	15.0	08	127
								R8	
2x16		13.5	1.2	0.25	2.7	2.575	18.3	08	127
								R8	
2x32	16.7	1.5	0.25	4.7	2.575	21.8	08	127	
							R8		
2x64	20.0	1.8	0.3	8.85	2.575	26.8	08	127	
							R8		
2x128	22.8	2.0	0.3	17.0	2.575	32.8	08	127	
							R8		

## Special type: 1x5ch

Type	Wavelength Range (nm)	IL max(dB) (Channel1)	IL max(dB) (Channel2~5)	IL Uni(dB) (Channel2~5)	PDL(dB)	Return Loss(dB)	Directivity (dB)	Dimensions (mm)		
								Width	Height	Length
1x5 (25%:75%)	1260 - 1650	1.6	14.5	0.6	0.2	55	55	2.3	2.575	13.2
1x5 (33%:67%)		2.2	12.8	0.6	0.2					
1x5 (50%:50%)		3.6	10.2	0.6	0.2					
1x5 (95%:5%)		16.0	7.2	0.6	0.2					



\* All products available at Customized Specification.