

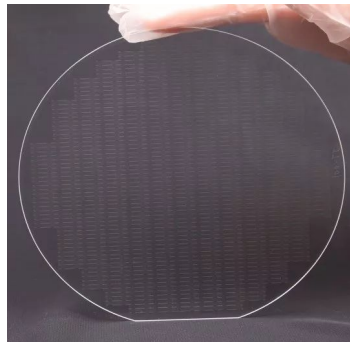
PLC Splitter Chip

Product Description: by using lithography, a beam of light can be evenly divided into multiple paths through Planar Lightwave Circuit technology with high optical performance, stability and reliability. The PLC chip is one of the core components of PLC splitter.

Features: high reliability, low insertion loss, low PDL, good uniformity, all-optical communication bandwidth application, small chip size.

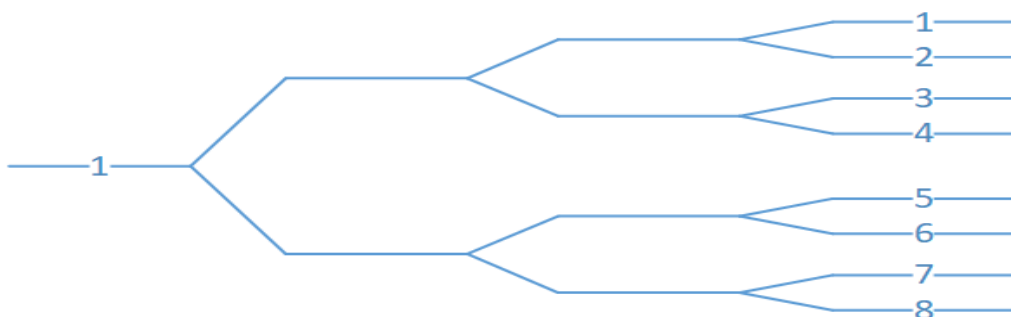
Application: FTTX

Material: SiO₂



Regular 1×N Serie

Type	Wavelength (nm)	Pitch (um)	IL (max) (dB)	Uniformity (dB)	PDL (dB)	Chip Size (mm)	
						Width	Length
1×2	1260~1630	250	3.5	0.5	0.15	1.84	8.8
1×4		250	6.7	0.5	0.15	1.84	8.8
1×8		127	9.8	0.6	0.2	1.84	9.5
1×8		250	9.8	0.6	0.2	2.5	11.6
1×16		127	13	0.7	0.2	2.44	12.25
1×32		127	16.2	1	0.2	4.8	17.9
1×64		127	19.6	1.2	0.25	8.66	22.2
1×128		127	22.5	1.5	0.3	17	27.6



Regular 2×N Serie

Type	Wavelength (nm)	Pitch (um)	IL (Max) (dB)	Uniformity (dB)	PDL (dB)	Chip Size (mm)	
						Width	Length
2×2	1260~1630	250	3.8	0.8	0.2	1.8	13.2
2×4		250	7.2	1.1	0.2	1.8	16.3
2×8		127	10.4	1.2	0.25	1.8	17.5
2×16		127	13.7	1.6	0.3	2.6	20.5
2×32		127	17.0	1.8	0.3	4.6	24.1

