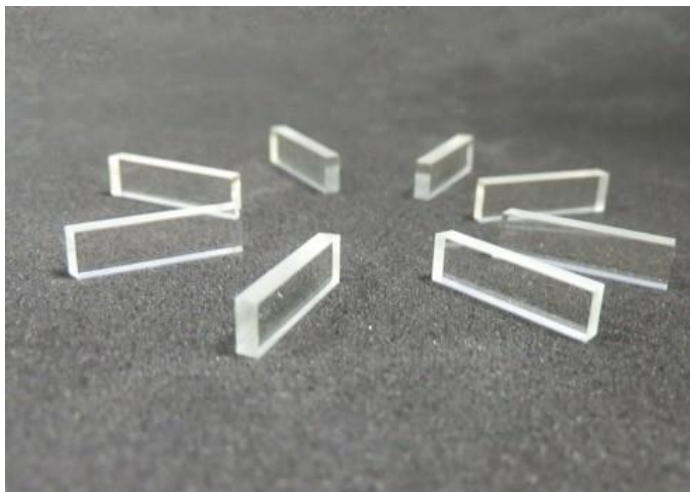


OPTICO PLC Splitter Chip Specification

V5.0



Shenzhen OPTICO Communication Co.,Ltd



Item Name	Unit	1x2	1x4	1x8	1x16	1x32
Max Insertion Loss @1310nm	dB	3.5	6.6	9.8	12.8	16.1
Max Insertion Loss @1550nm	dB	3.5	6.7	9.9	12.9	16.2
Max Insertion Loss @1260nm	dB	3.6	6.8	10.0	13.0	16.3
Max Insertion Loss @1610nm	dB	3.6	6.8	10.0	13.0	16.3
Return loss(1260~1610nm)	dB	>55dB	>55dB	>55dB	>55dB	>55dB
Uniformity (max)	dB	0.6	0.6	0.6	0.8	1
PDL (max)	dB	0.2	0.2	0.2	0.2	0.2
Pitch	um	250	250	127	127	127
Chip Size (LxWxH)	mm	9.2x1.55x2	9.8x1.55x2	10.9x1.55x2	14.6x2.6x2	18x4.6x2
Yield (Average)	%	98%	98%	98%	95%	92%
storage condition		-20~50℃, RH 0-80%				
PCT testing	Pass	After PCT test(1.2 atm, 110℃,96 hours),IL change <0.3dB				
Temperature cycling testing	Pass	After Temperature cycling test(-40℃ to 85℃,2000 hours),IL change <0.3dB				
High temperature storage	Pass	After High temperature storage test(85℃,2000 hours),IL change <0.3dB				
Low temperature storage	Pass	After Low temperature storage test(-40℃,2000 hours),IL change <0.3dB				
85℃temperature, 85% humidity	Pass	After 85℃temperature, 85% humidity test(2000 hours),IL change <0.3dB				