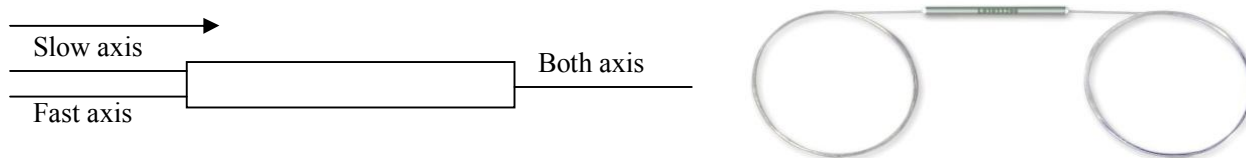


# Fused Polarization Combiner

## Description

LightComm uses unique fusing technique and polarization maintaining fiber to build the fused polarization combiner. The wavelength could be selected according to customer's request. It features low excess loss, small size and high power handling. Fused Polarization Combiner is widely used for EDFA,

## Mechanical Dimension



## Specifications

No	Parameters		Specification			Unit	
			Min.	Typ	Max.		
1	Port type		2 X 1				
2	Fiber type		PM panda fiber				
3	Pigtail type		250um bare fiber				
4	Package size		Φ3.0*54 or longer			mm	
5	Operating Wavelength		976,1064,1310 or 1550			nm	
6	Bandwidth		+/-5			nm	
7	Power handling		1000			mW	
8	Storage Temperature Range		-40 ~ 85			° C	
9	Operating Temperature Range		-5 ~ 75			° C	
10	IL @ central wavelength	1310	P grade	---	0.4	0.5	dB
			A grade		0.6	0.7	
		1064	P grade		0.5	0.7	
			A grade		0.7	0.9	
13	RL		50			dB	

\* The specifications are without connectors. For devices with connectors, IL will be 0.3dB higher for 1310/1550nm, 0.5dB higher for 976/1064nm.

## Ordering Information

FPC-X-XXX-XXX-X-XXX-XX/XXX-XX\*XX

