

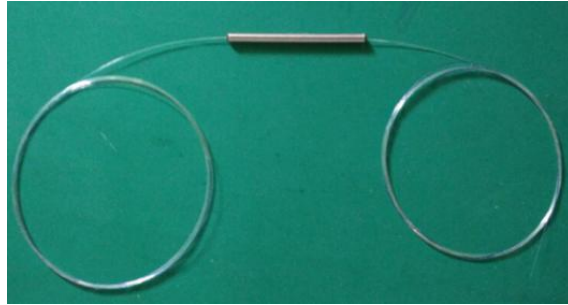
Fused Polarisation Beam Combiner

Features

- ▶ Low Insertion Loss
- ▶ Excellent environmental stability and reliability

Applications

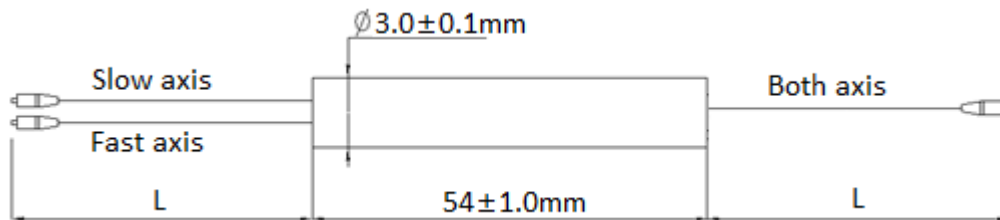
- ▶ EDFA Systems
- ▶ Fiber Optic Instruments



Specifications

Parameters	Unit	Specification	
Configuration		2 X 1	
Operating Wavelength	nm	976 or 1064	1310 or 1550
Bandwidth	nm	+/-5	
IL @ 23°C	dB	≤0.7	≤0.5
RL @ 23°C	dB	≥50	
Fiber type		PM panda fiber	
Power handling	mW	1000	
Package size	mm	Φ3.0*54	
Operating Temperature Range	°C	-5 ~ 75	
Storage Temperature Range	°C	-40 ~ 85	

- Note:
1. Above specifications are for device without connector.
 2. For devices with connectors, 0.3dB (PM1550/PM1310)/0.4 dB (PM980) higher for IL
 3. For device with connector, key aligned to slow axis if no advance requirement.



Ordering Information

FPBC - A - B - C - D - E - F - G - H		
B	Configuration	2x1
C	Operating Wavelength	976, 1064, 1310, 1550, etc
D	Pigtail Type	B=250um bare fiber, 0.9=0.9mm loose tube, etc
E	Fiber Type	PM1550, PM1310, PM980, etc
F	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
G	Package Size	3x54mm, etc.
H	Fiber length	005=0.5m, 010=1.0m, etc
For example: FPBC-2x1-976-BF-PM980- N-3x54-010		