

## Polarization Beam Combiner/Splitter

### Features

- Compact High Performance
- High Extinction Ratio
- Low Insertion Loss
- High Directivity

### Applications

- Polarization Mode Dispersion Compensator
- EDFA & Raman Amplifier
- Coherent Telecommunication Systems
- Fiber Optic Sensor

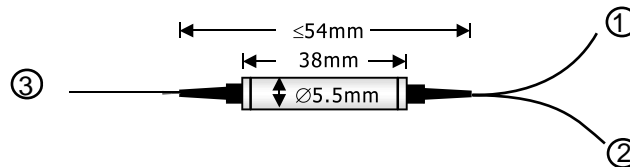


### Specifications

Parameter	Specification		Unit	
Grade	Grade P	Grade A		
Center Wavelength	1310, 1480 or 1550		nm	
Operating Wavelength Range	±40		nm	
Insertion loss	Typ	0.4	0.5	dB
Insertion loss	Max	0.6	0.7	dB
Return Loss	Min	50		dB
Extinction Ratio	Min	22	20	dB
Directivity	Min	50	50	dB
Optical Power (CW)	Max	500		mW
Fiber Type	PM Panda Fiber			
Operating Temperature	-5 ~ +70			°C
Storage Temperature	-40 ~ +85			°C
Package Dimension(L*Φ)	35*5.5			mm

1. All values referenced without connector.
2. The connector key are aligned to the slow axis.

### Dimension



### Order Information

PBC/S A-B-C-D-E

A	Operating Wavelength	31:1310 48:1480 55: 1550
B	Grade	1:Grade P 2:Grade A
C	Fiber Jacket	1: 400um PM fiber 2: 900um Loose tube
D	Fiber type on port 3	1: SMF-28e fiber 2: 400um PM panda fiber Slow Axis align to Port 1
E	Connector Type	0: no connector 1: FC/UPC 2: FC/APC 3: SC/UPC 4: SC/APC 5: LC 6: Customized