

Polarization Beam Combiner (PBC)

Features:

- Low Insertion Loss
- Epoxy-Free in Optical Path
- High Extinction Ratio
- High Power Handling



Applications:

- EDFA
- Raman Amplifier

Specifications:

Parameter	Unit	Grade "P"	Grade "A"
Central Wavelength (λ_c)	nm	1460, 1480, 1550	
Bandwidth	nm	+/- 30	
Insertion Loss	Max. dB	0.30	0.45
Extinction Ratio	Min. dB	23	20
Fiber Type	Output Port	Corning SMF-28	
	Input Ports	Panda 400 μ m buffer PM fiber	
Fiber Length	Min. m	1.0	
Power Handling	Max. mW	2,000	
Operating Temperature	$^{\circ}$ C	0~70	
Storage Temperature	$^{\circ}$ C	- 40~85	
Package Dimension	mm	$(\phi)5.5 \times (L)30$	

Dimension:

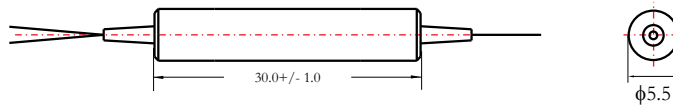


Figure 1. Polarization Beam Combiner

Order Information:

KPBC - $\frac{X}{A}$ - $\frac{XXXX}{B}$

A	Grade	P=Grade "P"
		A=Grade "A"
B	Central Wavelength	1460=1460 nm
		1480=1480 nm
		1550=1550 nm