HJ OPTRONICS

4055 Filan Way
San Jose, CA 95135
United States

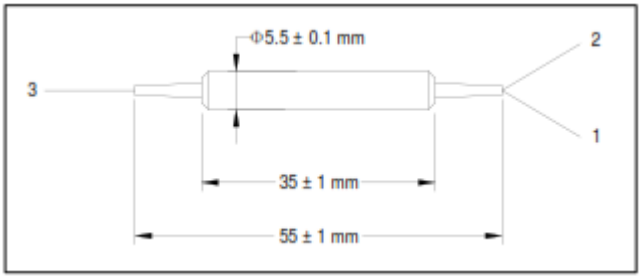
2000 nm Polarization Beam Combiner / Splitter

Model #: PBC (PBS)
Description: 2000 nm Polarization Beam Combiner or Splitter
Application: Fiber amplifier, fiber laser, fiber sensor, polarization mode dispersion compensator

Specifications:

Parameter	Unit	Specifications	
		P Grade	A Grade
Central Wavelength	nm	2000 ± 40	
Maximum Insertion Loss, 23 °C	dB	0.6	0.8
Typ. Insertion Loss, 23 °C	dB	1.1	1.4
Min. Polarization Extinction Ratio (splitter only)	dB	20	18
Min. Return Loss	dB	50	
Min. Directivity	dB	50	
Max. Optical Power (CW)	mW	500	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to + 85	
Dimension	mm	5.5 (D) x 35 (L)	
Max. Tensile Load	N	5	
Fiber Type		SMF-28 OR PM 1550 Panda fiber for Port 3	
		PM 1550 Panda fiber for Port 1 & 2	

* Customized ratios are acceptable;
Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL and 2 dB lower ER. Keying to slow axis.



Ordering Information:

Beam Combiner **PBC**-AAAA-B-C-D-E-F **Beam Splitter** **PBS**-AAAA-B-C-D-E-F

AAAA: wavelength	B: Grade	C: connector type	D: fiber jacket	E: fiber type of Port 3	F: fiber length
2000 – 2000 nm	P – P grade	1 - FC/UPC	B - 250μm Panda fiber	1 – SM-28 fiber	Q-0.75m
XXXX - other	A – A grade	2 - FC/APC	L - 900 μm loss tube	2 – slow axis aligned 45° to Port 1	X-other
		3 - SC/UPC	X - other	3 - slow axis aligned to Port 1	
		4 - SC/APC		X - other	
		N - none			
		X - other			