



High Power Polarization Beam Combiner/Splitter 1310nm~1550nm

Features

- High Power Handling
- Compact High Performance
- High Extinction Ratio
- Low Insertion Loss
- High Power Handling Capability

Applications

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

Specifications

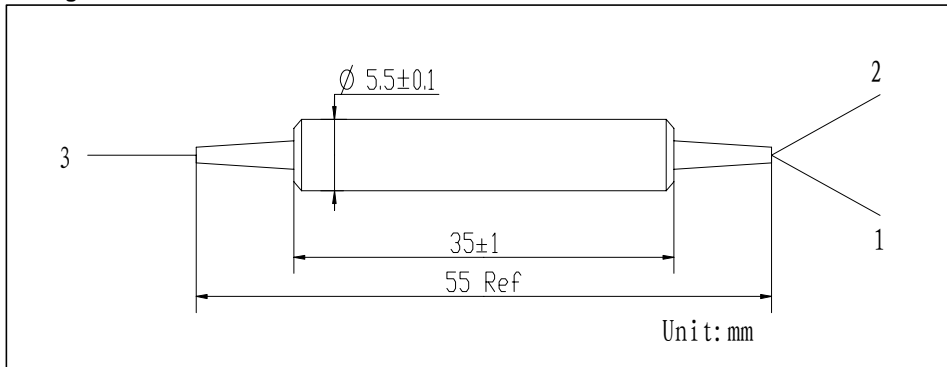
Parameter	Unit	Values	
		Grade P	Grade A
Grade		Grade P	Grade A
Center Wavelength	nm	1310,1480 or 1550	
Operating Wavelength Range	nm	±40	
Typ. Insertion loss	dB	0.6	0.7
Max. Insertion loss	dB	0.8	0.9
Min. Return Loss	dB	50	
Min. Extinction Ratio (for Splitter only)	dB	22	20
Min.PDL 23°C (only for SMF-28e Fiber on all ports)	dB	20	
Min. Directivity	dB	50	
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
Max. Peak Power for ns Pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		PM Panda Fiber on Port 1 & 2 or Specify	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower and optical power is only 1000mW(CW).

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

HPBC-①①-②-③-④④-⑤⑤⑤-⑥⑥⑥-⑦⑦-⑧

HPBS-①①-②-③-④④-⑤⑤⑤-⑥⑥⑥-⑦⑦-⑧

①①: Wavelength

- 31 - 1310nm
- 48 - 1480nm
- 55 - 1550nm
- SS - Specify

②: Grade

- P - Premium
- A - A Grade

③: Port

- 1 - 1x2

④④: Handling Power

- 01 - 1W
- SS - Specify

⑤⑤⑤: Connector Type on Port 1, 2 & 3

- 1 - FC/UPC
- 2 - FC/APC
- 3 - SC/UPC
- 4 - SC/APC
- N - None
- S - Specify

⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3

- B - 250um Bare Fiber
- L - 900um Loose Tube
- S - Specify

⑦⑦: Fiber Type on Port 3

- 1 - SMF-28e Fiber
- 2 - Slow Axis align 45°to Port 1
- 3 - Slow Axis align to Port 1
- 4 - All ports are SMF-28e
- S - Specify

⑧: Fiber Length

- 0.8 - 0.8m
- S - Specify