High Power 1064nm Polarization Beam Combiner/Splitter

Features

High Power Handling
High Extinction Ratio
Low Insertion Loss
High Return Loss
High Power Handling Capability

Applications

Fiber Lasers
Raman Amplifier
Sensors

Specifications

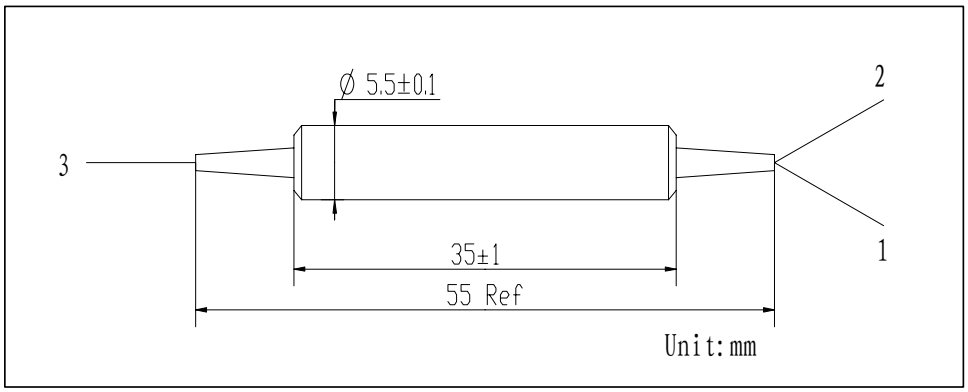
Parameter	Unit	Values	
Grade		Grade P	Grade A
Center Wavelength	nm	1064	
Operating Wavelength Range	nm	±20	
Typ. Insertion Loss	dB	0.8	0.9
Max. Insertion Loss	dB	1	1.1
Min. Return Loss	dB	50	
Min. Extinction Ratio (for Splitter only)	dB	22	20
Min.PDL 23°C (only for HI1060 Fiber on all ports)	dB	20	
Min. Directivity	dB	50	
Max. Optical Power (CW)	W	0.5, 1, 1.5, 2 or Specify	
Max. Peak Power for ns Pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		PM 980 Panda Fiber on Port 1 and 2 or Specify	
Operating Temperature	℃	-5 to + 70	
Storage Temperature	℃	-40 to +85	

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.5dB 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-①①-②-③-④④-⑤⑤⑤-⑥⑥⑥-⑦-⑧
HPBS-①①-②-③-④④-⑤⑤⑤-⑥⑥⑥-⑦-⑧

①①: Wavelength
06 - 1064nm
SS - Specify

②: Grade
P - Premium
A - A Grade

③: Port
1 - 1x2

④④: Handling Power
0.5 - 0.5W
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

⑦: Fiber Type on Port 3
1 - HI 1060 Fiber
2 - Slow Axis align 45°to Port 1
3 - Slow Axis align to Port 1
4 - All ports are HI1060
S - Specify

⑧: Fiber Length
0.8 - 0.8m
S - Specify