

Optizone 2000nm High Power Polarization Beam Combiner/Splitter

Features

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

Applications

- Fiber Optic Instruments
- Fiber Amplifiers
- Fiber Lasers
- Fiber Sensors

Specifications

Parameter	Unit	Values	
Grade	-	Grade P	
Center Wavelength	nm	2000	
Operating Wavelength Range	nm	±50	
Typ. Insertion Loss(Excess Loss)	dB	0.8	1.0
Max. Insertion Loss(Excess Loss)	dB	1.0	1.3
Min. Return Loss	dB	50	
Min. Extinction Ratio (for Splitter only)	dB	20	
Min. Directivity	dB	50	
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
Max. Tensile Load	N	5	
Fiber Type	-	PM 1550 Panda Fiber on Port 1 and 2	PM 1950 Panda Fiber on Port 1 and 2
Operating Temperature	°C	-5 to + 70	
Storage Temperature	°C	-40 to +85	

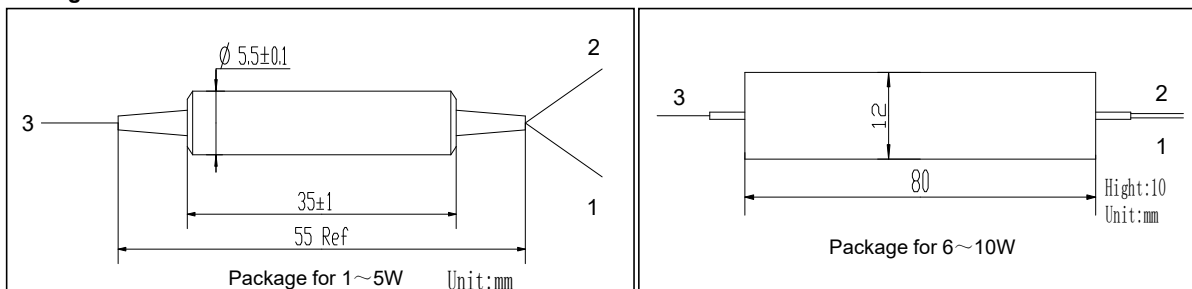
*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower, optical power is only 1W.

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

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

HPBC-①①①①-②-③-④④-⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨-⑩

HPBS-①①①①-②-③-④④-⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨-⑩

- | | | | |
|--|--|---|---|
| ①①①①: Wavelength
2000 - 2000nm
S - Specify | ⑤⑤⑤: Connector Type on Port 1, 2 & 3
1A - FC/UPC
2A - FC/APC
3D - SC/UPC
④④④: Fiber Jacket on Port 1, 2 & 3
B - Bare Fiber
C - 900um Red Loose Tube
F - 900um White Loose Tube
S - Specify | ⑦: Fiber Type on Port 1, 2&3
08 - Port 1, 2&3: PM1950
16 - Port 1&2: PM1950, Port 3: SM1950
20 - Port 1, 2&3: SM1950
S - Specify | ⑨: Fiber Length
1 - 1.0m
S - Specify |
| ②: Grade
P - Premium | N - None
S - Specify | ⑧: Axis Alignment on Port 3
1 - SM Fiber, Align to Port 1 & 2 Slow Axis
2 - PM Fiber, Slow Axis Align 45° to Port 1
3 - PM Fiber, Slow Axis Align to Port 1
4 - All Ports are SM Fiber
S - Specify | ⑩: Package Type
01 - Ø5.5×35
08 - 80×12×10
S - Specify |
| ③: Port
1 - 1x2 | | | |
| ④④: Handling Power
01 - 1W
SS - Specify | | | |