

Features

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

Applications

- Ultra-Fast Fiber Lasers
- EDFA & Raman Amplifier
- Fiber Optic Sensor
- Coherent Telecommunication Systems
- Polarization Mode Dispersion Compensator

Specifications

Parameter	Unit	Values	
Grade	-	Grade P	Grade A
Center Wavelength	nm	1064	
Operating Wavelength Range	nm	±20	
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 HI1060 Fiber on all ports)	dB	20	
Min. Directivity	dB	50	
Max. Average Optical Power	W	0.5, 1, 1.5, 2 or Specify	
Max. Peak Power for ps Pulse	kW	0.5, 1 or Specify	
Max. Tensile Load	N	5	
Fiber Type	-	PM 980 Panda Fiber on Port 1 and 2	
Operating Temperature	°C	-5 to + 70	
Storage Temperature	°C	-40 to +85	

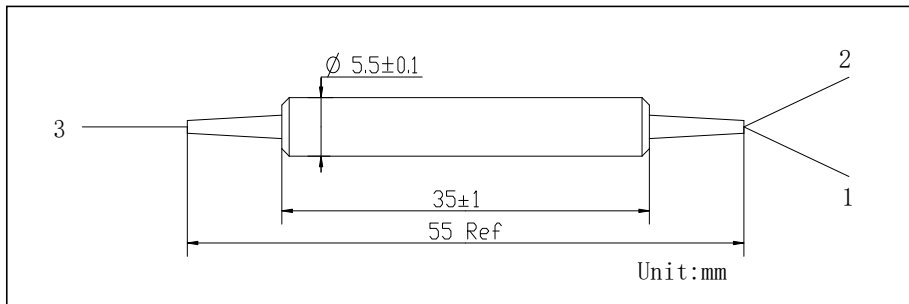
*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.5dB 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.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

HPBC-UF-①-②-③-④-⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨

HPBS-UF-①-②-③-④-⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨

- | | | | |
|---|---|--|--|
| ①: Wavelength
1064 - 1064nm
S - Specify | ⑤⑤⑤: Connector Type on Port 1, 2 &3
1B - FC/UPC
2B - FC/APC
3B - SC/UPC
4B - SC/APC | ⑥: Fiber Type
03A - Port 1, 2&3: PM980
11A - Port 1&2: PM980, Port 3: HI 1060 Fiber
S - Specify | ⑧: Fiber Length
0.8 - 0.8m
S - Specify |
| ②: Grade
P - Premium
A - A Grade | N - None
S - Specify | ⑦: Axis Alignment on Port 3
1 - HI 1060 Fiber
2 - PM Panda Fiber, Slow Axis align 45°to Port 1
3 - PM Panda Fiber, Slow Axis align to Port 1
4 - All ports are HI1060
5 - PM Fiber, Fast Axis Align to Port 1
6 - PM Fiber, Slow Axis Align to Port 1 and Fast Axis Align to Port 2
S - Specify | ⑨: Package Type
01 - Ø5.5×35 |
| ③: Port
1 - 1x2 | ⑥⑥⑥: Fiber Jacket on Port 1, 2 &3
B - Bare Fiber
C - 900um Red Loose Tube
E - 900um Black Loose Tube
F - 900um White Loose Tube
SS - Specify | | |
| ④: Average Power/Pulse Power
1/0.5 - 1W/0.5kW
S - Specify | | | |