

Optizone High Power 1030/1064nm Polarization Maintaining Filter Coupler

Features

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

Applications

- Telecommunications
- Optical Amplifier
- Fiber Lasers
- Testing Systems

Specifications

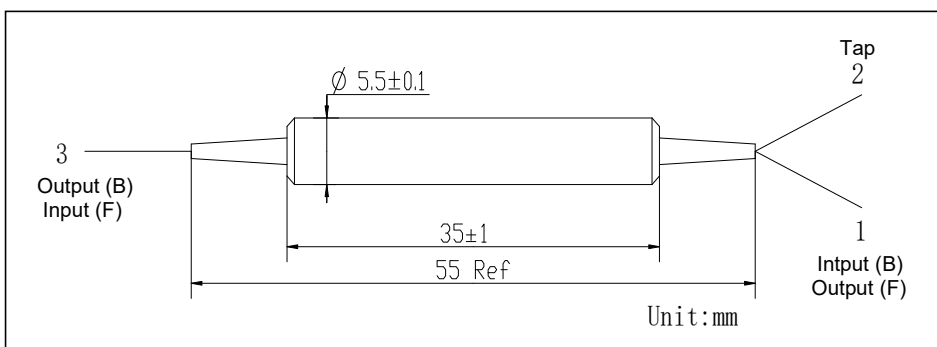
Parameter	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	± 20
Coupling Ratio (for Port 2 only)	%	1±0.2, 2±0.4, 5±1.0, 10 & 50
Min. Return Loss	dB	50
Min. Extinction Ratio (only for B Type)	dB	20
Min. Extinction Ratio (only for F Type)	dB	22
Max. Excess Loss	dB	1.0
Max. Uniformity (for 50/50 only)	dB	0.7
Max. Optical Power (CW)	W	1, 2, or Specify
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Fiber Type	-	PM Panda Fiber
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 and optical power is only 1000mW(CW).

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

Package Dimensions



Ordering Information

HPMFC-①①-②-③③-④-⑤⑤-⑥⑥⑥-⑦⑦⑦-⑧-⑨⑨-⑩⑩

①①: Wavelength

06 - 1064nm

03 - 1030nm

SS - Specify

⑤⑤: Handling Power

01 - 1W

02 - 2W

⑧: Fiber Length

1 - 1.0m

S - Specify

②: Port

1 - 1x2

⑥⑥⑥: Connector Type on Port 1, 2&3

1A - FC/UPC

2A - FC/APC

3D - SC/APC

4D - SC/UPC

N - None

SS - Specify

⑨⑨: Fiber Type

04A - PM 980 Panda Fiber

14A - PM980 on Port1&3, Hi1060 on Port 2

S - Specify

③③: Coupling Ratio

01 - 01/99

02 - 02/98

05 - 05/95

10 - 10/90

50 - 50/50

SS - Specify

⑦⑦⑦: Fiber Jacket on Port 1, 2&3

B - Bare Fiber

C - 900um Loose Tube(Red)

D - 900um Loose Tube(Blue)

E - 900um Loose Tube(Black)

F - 900um Loose Tube(White)

SS - Specify

⑩⑩: Package Dimensions

01 - $\phi 5.5 \times 35$

SS - Specify

④: Axis Alignment

F - Fast Axis Blocked

B - Both Axis Working