High Power 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

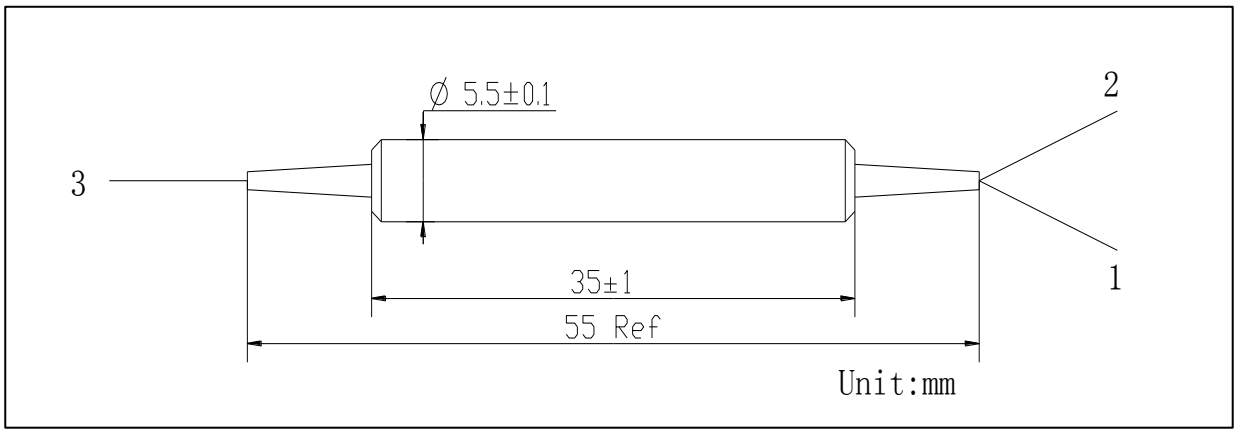
Parameter	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	± 20
Coupling Ratio (for Port 2 only)	%	1±0.2, 2±0.4, 5±1.0, 10 & 50
Min. Return Loss	dB	50
Min. Extinction Ratio (only for B Type)	dB	20
Min. Extinction Ratio (only for F Type)	dB	23
Max. Excess Loss	dB	1.0
Max. Uniformity (for 50/50 only)	dB	0.7
Max. Optical Power (CW)	W	1, 2, 3 or Specify
Max. Tensile Load	N	5
Fiber Type		PM 980 Panda Fiber or HI 1060 Fiber on Tap Port (Port 2)
		PM 980 Panda Fiber on Input & Output Port (Port 1 & 3)
Operating Temperature	℃	-5 to +70
Storage Temperature	℃	-40 to +85

*Above specifications are for device without connector.

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

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

Package Dimensions



Ordering Information

AHPMFC-①①-②-③③-④-⑤⑤-⑥⑥⑥-⑦⑦⑦-⑧-⑨

①①: Wavelength
06 - 1064nm
SS - Specify

②: Port
1 - 1x2

③③: Coupling Ratio
01 - 1/99
02 - 2/98
05 - 5/95
10 - 10/90
50 - 50/50
SS - Specify

④: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

⑤⑤: Handling Power
01 - 1W
SS - Specify

⑥⑥⑥: Connector Type on Port 1, 2 & 3
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑦⑦⑦: Fiber Jacket on Port 1, 2 & 3
B - 250um Panda Fiber
L - 900um Loose Tube
S - Specify

⑧: Fiber Type on Tap port
H - HI 1060 Fiber
P - PM Panda Fiber
S - Specify

⑨: Fiber Length
0.8 - 0.8m
S - Specify