2x2 1064nm Polarization Maintaining Filter Coupler

Features

High Extinction Ratio
High Return Loss
Low Cost

Applications

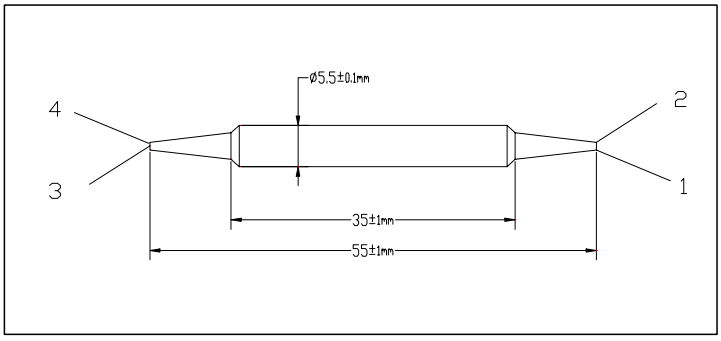
Optical Amplifier
Fiber Lasers
Testing Systems

Specifications

Parameters	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	± 20
Coupling Ratio (for Port 2 & 4 only)	%	1±0.2, 2±0.4, 5±1.0, 10 & 50
Min. Return Loss	dB	50
Min. Extintion Ratio	dB	20
Max. Excess Loss	dB	1.2
Max. Uniformity (for 50/50 only)	dB	0.8
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Fiber Type		PM 980 Panda Fiber or HI 1060 Fiber on Tap Port (Port 2 & 4)
		PM 980 Panda Fiber on Input & Output Port (Port 1 & 3)
Operating Temperature	℃	-5 to +70
Storage Temperature	℃	-40 to +85

*Above specification are for devices without connector.
*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower.
*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



The optical path is:
Optical Path of B Type: port 1 to port 2/3, port 2 is tap port; port 3 to port 1/4, port 4 is tap port.
Optical Path of F Type: port 1 to port 3/4, port 4 is tap port; port 3 to port 1/2, port 2 is tap port.

Ordering Information

APMFC-①①-②-③③-④-⑤⑤⑤⑤-⑥⑥⑥⑥-⑦-⑧

①①: Wavelength
06 - 1064nm
SS - Specify

②: Port
2 - 2x2

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

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

⑤⑤⑤⑤: Connector Type on Port 1, 2, 3 & 4
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑥⑥⑥⑥: Fiber Jacket on Port 1, 2, 3 & 4
B - 250um Panda Fiber
L - 900um Loose Tube Panda Fiber
S - Specify

⑦: Fiber Type on Tap Port
H - HI 1060 Fiber
P - PM Panda Fiber
S - Specify

⑧: Fiber Length
0.8 - 0.8m
S - Specify