Polarization Maintaining Filter Coupler (1x2)

Features

High Extinction Ratio
High Return Loss
Low Cost

Applications

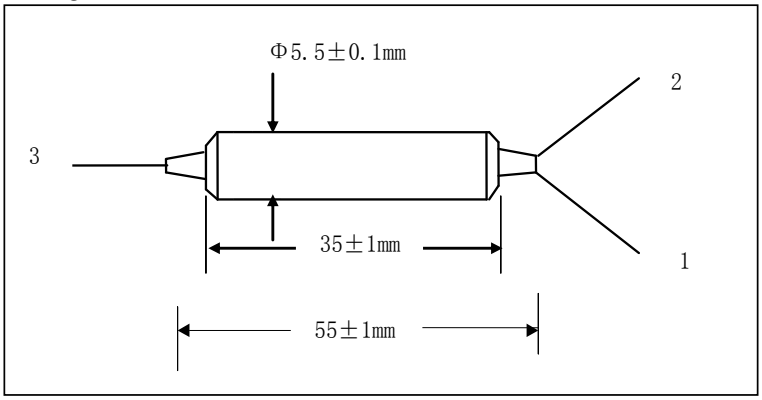
Telecommunications
Optical Amplifier
Fiber Lasers
Testing Systems

Specifications

Parameter	Unit	Values
Center Wavelength	nm	1030 or Specify
Operating Wavelength Range	nm	± 20
Type		1x2
Max. Excess Loss	dB	0.9
Max. Uniformity(only for 50/50 type)	dB	0.6
Tap Ratio (port 2)	%	1±0.2%,2±0.4%,5±1.0%, 10%, 20%, 30%, 40% and 50% or Specify
Min. Return Loss	dB	50
Min. Extinction Ratio	dB	20
Max.Optical Power	mW	300
Max. Tensile Load	N	5
Operating Temperature	℃	-5 to +70
Storage Temperature	℃	-40 to +85
Fiber Type	PM 980 Panda Fiber or HI1060 on Tap port (Port 2)	
	PM 980 Panda Fiber on Input & Output Port (Port 3 & 1)	

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

Package Dimensions



Ordering Information

PMFC-①①-②-③③-④-⑤⑤⑤-⑥⑥⑥-⑦-⑧

①①: Wavelength
03 - 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

⑤⑤⑤: Connector Type on Port 1, 2 & 3
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3
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