

## Polarization Maintaining Filter Wavelength Division Multiplexer (PMFWDM Series)

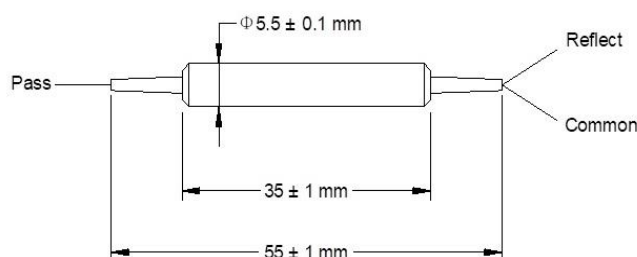
### Specifications

Parameter	Unit	Value
<b>Pass Band</b>		
Wavelength Range	nm	1020 - 1120
Max. Insertion Loss	dB	0.8
Min. Isolation	dB	25
<b>Reflection Band</b>		
Wavelength Range		980 ± 20
Max. Insertion Loss	dB	0.6
Min. Isolation	dB	12
Min. Return Loss	dB	50
Min. Extinction Ratio	dB	20
Max. Optical Power	W	3
Max. Peak Power for ns pulse	kW	10
Max. Tensile Load	N	5
Fiber Type		Common: PM980 fiber
		Pass&Reflect: PM980 or HI1060 fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

IL is 0.3 dB higher, RL is 5 dB lower, ER is 2 dB lower and Optical Power is 1W only for each connector added.

Connector key is aligned to slow axis.

### Package Dimensions



### Ordering Information

#### PMFWDM-①-②-③-④-⑤-⑥-⑦

①: Wavelength	0397 - 1030 Pass/976 Reflect, 0697 - 1064 Pass/976 Reflect
②: Connector Type	1 - FC/UPC, 2 - FC/APC, N - None, S - Specify
③: Jacket Type	B - Bare fiber, L - 900 $\mu$ m loose tube, S - Specify
④: Fiber Type for Pass&Reflect	PP - PM980/PM980, HH - HI1060/HI1060, PH - PM980/HI1060, HP - HI1060/PM980
⑤: Fiber Length	1 - 1.0 m, S - Specify
⑥: Working Axis	F - Fast axis blocked (For Transmission only), B - Both axes working
⑦: Power Type	C - Continuous Wave, P - Pulse Application