Advanced Fiber Resources (HK), Ltd.

Polarization Maintaining Fused Wavelength Division Multiplexer (976/1064) (PMWDM Series)

Rev 11

Description

The Polarization Maintaining Fused Wavelength Division Multiplexer combine or separate light at different wavelengths. They offer very low insertion loss, high extinction ratio, and excellent environmental stability. These components can be operating on both fast and slow axis.

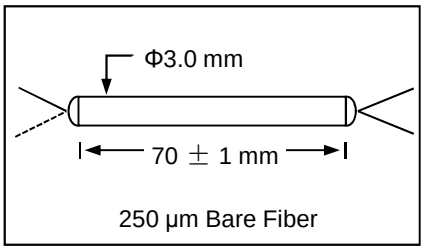
Specifications

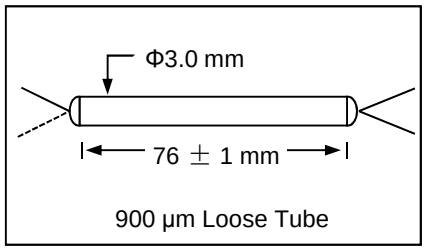
Parameter	Unit	Value
Longer Operating Wavelength	nm	1064 ± 2 or specified
Max. Insertion Loss	dB	0.5
Min. Isolation	dB	15
Min. PER	dB	17
Shorter Operating Wavelength	nm	976 ± 2 or specified
Max. Insertion Loss	dB	0.5
Min. Isolation	dB	15
Min. PER	dB	17
Thermal Stability	dB/℃	⩽ 0.005
Min. Return Loss	dB	55
Min. Directivity	dB	55
Max. Optical Power (Continuous Wave)	W	2
Fiber Type	-	PM Panda Fiber
Operating Temperature	℃	- 5 to + 70
Storage Temperature	℃	- 40 to + 85

[1]IL is 0.5 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

[1]Test at central wavelength only.

Package Dimensions





Ordering Information

PMWDM-①-②②②②②②②②-③-④-⑤-⑥

①: Configuration
1 - 1 × 2
2 - 2 × 2

②②②②②②②②: Wavelength
9761064 - 976 & 1064 nm

③: Connector Type
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

④: Fiber Jacket
B - 250 μm Bare Fiber
L - 900 μm Loose Tube

⑤: Fiber Length
Q - 0.75 m
S - Specify

⑥: Fiber Type
4 - Corning Panda PM 980