



## PM Fused WDM (1570/2000 nm, 800/2000 nm, 650/2000 nm) (PMWDM Sereis)

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.

### Specifications

Parameter	Unit	Value		
Longer Operating Wavelength	nm	2000 ± 20 or Specify		
Max. Insertion Loss	dB	0.7		
Min. Isolation	dB	13		
Min. Extinction Ratio	dB	20		
Shorter Operating Wavelength	nm	1570 ± 20	800 ± 20	650 ± 20
Max. Insertion Loss	dB	0.7	0.7	1.5
Min. Isolation	dB	15	15	10
Thermal Stability	dB/°C	≤ 0.005		
Min. Return Loss	dB	55		
Min. Directivity	dB	55		
Max. Optical Power (Continuous Wave)	mW	300		
Fiber Type		PM 1550 Panda fiber		
Package Type		Fused P3		

\*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.

\*Test at central wavelength only.

### Ordering Information

#### PMWDM-①-②②②②②②②②②③-④-⑤-⑥

①: Configuration	②②②②②②②②②②: Wavelength	③: Connector Type		④: Fiber Jacket
1 - 1 × 2	15702000 - 1570 & 2000 nm	1 - FC/UPC	4 - SC/APC	B - 250 μm bare fiber
	8002000 - 800 & 2000 nm	2 - FC/APC	N - None	L - 900 μm loose tube
	6502000 - 650 & 2000 nm	3 - SC/UPC	S - Specify	
⑤: Fiber Length	⑥: Fiber Type			
Q - 0.75 m	6 - Corning Panda PM 1550			
S - Specify				

## Fused WDM (1570/2000 nm, 800/2000 nm, 650/2000 nm) (WDM Sereis)



Parameter	Unit	Value		
Longer Operating Wavelength	nm	2000 ± 20 or Specify		
Max. Insertion Loss	dB	0.6		
Min. Isolation	dB	13		
Max. Polarization Dependent Loss	dB	0.15		
Shorter Operating Wavelength	nm	1570 ± 20	800 ± 20	650 ± 20
Max. Insertion Loss	dB	0.6	0.6	1.5
Min. Isolation	dB	17	17	15
Thermal Stability	dB/°C	≤ 0.002		
Min. Return Loss	dB	55		
Min. Directivity	dB	55		
Max. Optical Power (Continuous Wave)	mW	500		
Package Type		Fused P4		

\*IL is 0.3 dB higher, RL is 5 dB lower for each connector added.

\*Test at central wavelength only.



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