



Features

Pump / Signal Multiplexing
Low Insertion Loss
Low Cost
High Extinction Ratio

Applications

EDFAs
Fiber Lasers
Fiber Optical Test Equipment

Specifications

Parameters	Unit	Values	
Stage		Single Stage	Dual Stage
Pass Band	Signal Wavelength Range	1530~1565	
	Max. Insertion Loss@P→C or C→P	0.9	1.0
	Typ. Insertion Loss@P→C or C→P	0.7	0.8
	Typ. Peak Signal Isolation, at room temperature	40	55
	Min. Signal Isolation, at room temperature	30	48
	Min. Extinction Ratio (only for F-Type)	23	
	Min. Extinction Ratio (only for B-Type)	20	
Reflect Band	Wavelength Range	960~990 or 1460-1490	
	Max. Insertion Loss@R→C	0.5	
	Typ. Insertion Loss@R→C	0.3	
Min. Return Loss		50	
Max. IL Thermal Stability		0.005	
Max. Optical Power (CW)		300	
Max. Tensile Load		5	
Fiber Type		PM 1550nm panda fiber on Common & Pass ports, HI 1060(for 980nm Pump) or SMF-28e fiber(for 1480nm Pump) on Reflect port	
Operating Temperature		-5 to +70	
Storage Temperature		-40 to +85	

*Above specifications are for device without connector

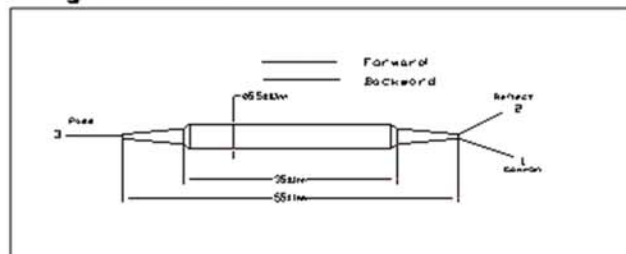
*For devices with connectors, insertion loss will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower

*The signal path is aligned to slow axis.

*PM fiber can be supplied for reflection ports. Please inquire.

*PM 980nm panda fiber can be provided for the common port on 980 nm reflection band devices (IL slightly larger); please inquire.

Package Dimensions



Ordering Information

PMWDM-①①-②-③-④-⑤⑤⑤-⑥⑥⑥-⑦

①①: Pump Wavelength

98 - 980nm

48 - 1480nm

②: Pump Type

F - Forward Pump

B - Backward Pump

③: Stage

S - Single Stage

D - Dual Stage

④: Axis Alignment

F - Fast Axis Blocked

B - Both Axis Working

⑤⑤⑤: Connector Type

1 - FC/APC

2 - FC/APC

3 - SC/APC

4 - SC/APC

S - Specify

N - None

⑥⑥⑥: Fiber Jacket

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

⑦: Fiber Length

0.8 - 0.8m

S - Specify