

PM Isolator WDM Hybrid

Features

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

Applications

- EDFAs
- Fiber Lasers
- Fiber Optical Test Equipment

Specifications

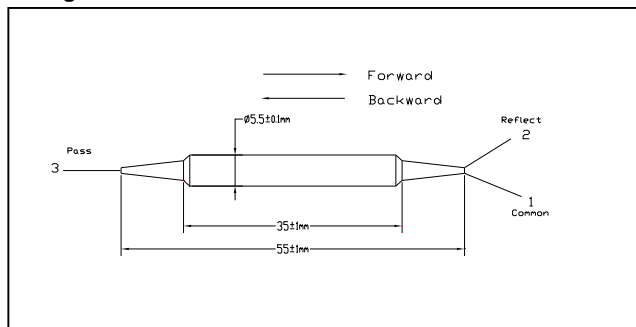
Parameters	Unit	Values	
Stage		Single Stage	Dual Stage
Pass Band	Signal Wavelength Range	1530~1565	
	Max. Insertion Loss@P→C or C→P	0.9	1.0
	Typ. Insertion Loss@P→C or C→P	0.7	0.8
	Typ. Peak Signal Isolation, at room temperature	40	55
	Min. Signal Isolation, at room temperature	30	48
	Min. Extinction 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	dB	50	
Max. IL Thermal Stability	dB/°C	0.005	
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	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	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*Above specification 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.

Package Dimensions



Ordering Information

PMIWDM-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/UPC

2 - FC/APC

3 - SC/UPC

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