

Mini PM Isolator WDM Hybrid

Features

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

Applications

Compact EDFAs
 Fiber Lasers
 Fiber Optical Test Equipment

Specifications

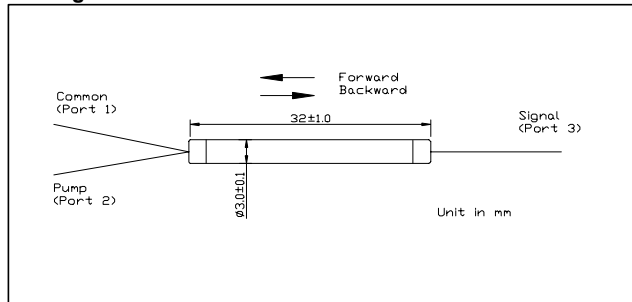
Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage			
Pass Band	Signal Wavelength Range	1530~1565	
	Max. insertion Loss@P→C or @C→P	0.9	1.0
	Typ. insertion Loss@P→C or C→P	0.7	0.8
	Typ. Peak Signal Isolation, at 23 °C	40	52
	Min. Signal Isolation, at 23 °C	28	45
	Min. Extinction Ratio(only for F-Type)	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		°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

MPMIWDM-①①-②-③-④-⑤⑤⑤-⑥⑥⑥-⑦

①①: Pump Wavelength

98 - 980nm

48 - 1480nm

④: Axis Alignment

F - Fast Axis Blocked

B - Both Axis Working

⑥⑥⑥: Fiber Jacket

B - 250um bare fiber

L - 900um loose tube

S - Specify

②: Pump Type

F - Forward Pump

B - Backward Pump

⑤⑤⑤: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

⑦: Fiber Length

0.8 - 0.8m

S - Specify

③: Stage Type

S - Single Stage

D - Dual Stage

S - Specify

N - None