



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

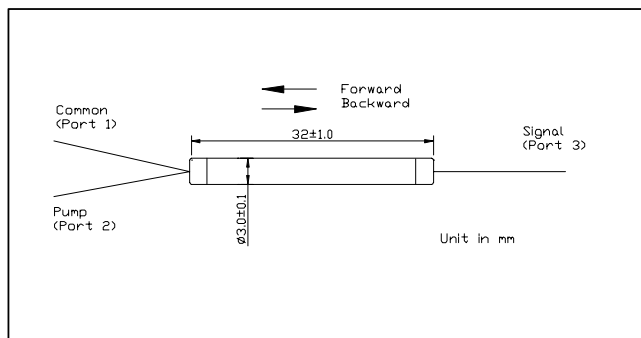
Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage		Single Stage	Dual Stage
Pass Band Signal Wavelength Range	nm	1530~1565	
Max. insertion Loss@P→C or @C→P	dB	0.9	1.0
Typ. insertion Loss@P→C or C→P	dB	0.7	0.8
Typ. Peak Signal Isolation, at 23 °C	dB	40	52
Min. Signal Isolation, at 23 °C	dB	28	45
Min. Extinction Ratio(only for F-Type)	dB	23	
Min. Extinction Ratio(only for B-Type)	dB	20	
Reflect Band Wavelength Range	nm	960~990 or 1460-1490	
Max. insertion Loss@R→C	dB	0.5	
Typ. insertion Loss@R→C	dB	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

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