


## PM Fiber Isolator+ WDM Hybrid Device (PMIWDM)

<b>Features</b>	
High Extinction Ratio and Isolation Low Insertion Loss High Stability and Reliability	
<b>Application</b>	
Fiber Amplifier Fiber Laser	

### Specifications

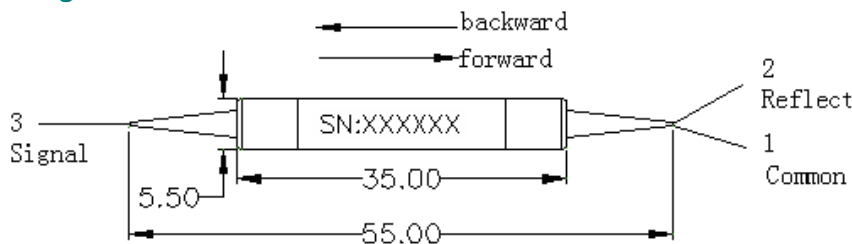
Parameter		Type		1550/1480, 1550/980		1064/980	
Isolator Stage				Single Stage	Dual Stage	Single Stage	Dual Stage
Peak isolation (dB)				40	55	40	50
Isolation at 23 °C (Signal) (dB)				≥30	≥48	≥30	≥45
Insertion loss at 23 °C (Signal) (dB)				≤0.9	≤1.0	≤2.1	≤3.5
Signal wavelength range (nm)				1530~1565		1064±5	
Pump wavelength range (nm)				1460~1490 or 960~990		960-990	
Insertion loss (reflection band) (dB)				≤0.6		≤0.6	
Extinction Ratio (dB)	Type F(Fast axis blocked)			≥22			
	Type B(Both axis working)			≥20			
Directivity (dB)				≥55			
Return Loss (dB)				≥50			
Thermal stability (dB/ °C)				≤0.005			
Power handling (mW, CW)				≤300			
Operating temperature (°C)				-5 ~ +70			
Storage temperature (°C)				-40 ~ +85			
Package dimension (mm)				Φ5.5 × L38 or Φ3.0XL30			
Fiber Type:( Common / Pass)				Panda Fiber			
Fiber Type (Reflection)				Panda Fiber or SMF fiber			

\*Above specifications are for devices without the connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

\*The PM fiber and the connector key are aligned to the slow axis. And for F type, fast axis is blocked.

### Package Dimensions



### Ordering Information

PMIWDM	Wavelength	Stage	Type	Working Axis	Pigtail Type	Fiber Type	Length	Connector	Package
	T1550/R980 T1550/R1480 T1064 R980	S= Single stage D = Dual Stage	F=Forward B=Backward	1=Fast Axis Blocked 2=Both Axis Working	0=250um bare fiber 1=900um loose tube	1=SMF-28e 4=HI1060 5=PM Fiber	0.8±0.08m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other	5=5.5x38 3=3x30mm