

## Polarization Maintaining Isolation WDM

### Features

Low Insertion Loss  
 High Return Loss  
 High Isolation  
 High Extinction Ratio  
 High Reliability & Stability

### Applications

Fiber Laser  
 Fiber Amplifier  
 Testing Equipment

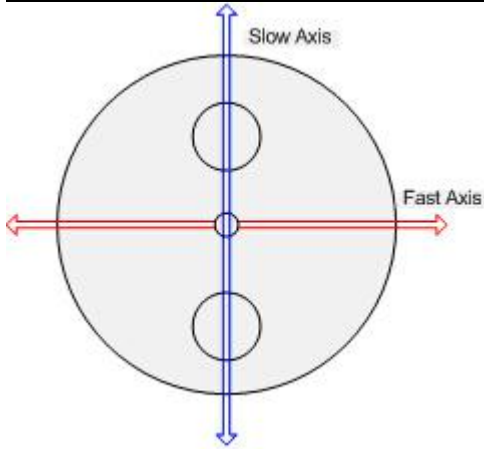


### Specifications

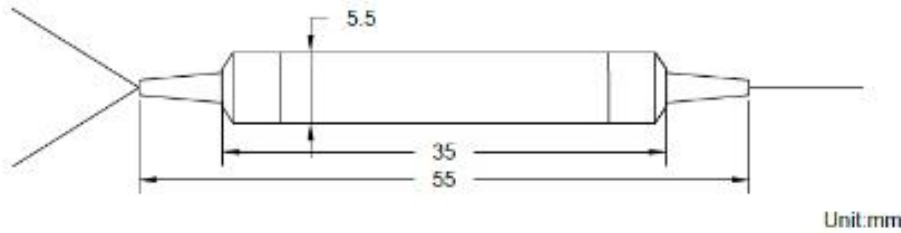
Parameter		Unit	Value	
Stage		-	Single	Dual
Signal Channel	Signal Wavelength Range	nm	1535~1565	
	Max. Insertion Loss	dB	0.9	1.0
	Typ. Insertion Loss	dB	0.7	0.8
	Typ. Peak Signal Isolation, at 23°C	dB	40	52
	Min. Signal Isolation, at 23°C	dB	28	45
	Min. Extinction Ratio( only for F type)	dB	23	
	Min. Extinction Ratio( only for B type)	dB	20	
Reflection Channel	Wavelength Range	nm	960~990 or 1460~1490	
	Max. Insertion Loss	dB	0.5	
	Typ. Insertion Loss	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 Panda Fiber, Hi1060 or SMF-28e	
Operating Temperature		°C	-5~+70	
Storage Temperature		°C	-40~+85	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower;  
 The default connector key is aligned to slow axis;

### Fast and slow axis



### Package Dimensions



### Ordering Information

Pump wavelength	Stage	Axis alignment	Pigtail type	Fiber length	Connector type
1550=1550nm, 1310=1310nm, ....., 0850=850nm	S=Single-core stage, D=Dual-core stage	F=Slow axis working, Fast axis blocked, B=Both of axis working	0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0mm loose tube	0=0.8m, 1=1m	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC