Polarization Maintaining 1060nm Single Stage Isolator

Feature:

- High Isolation
- Low Insertion Loss
- High Return Loss
- Excellent environmental stability and reliability
- High extinction ratio

Application:

- Fiber Sensor
- Fiber Laser
- Polarization maintaining optical system

Performance Specification:

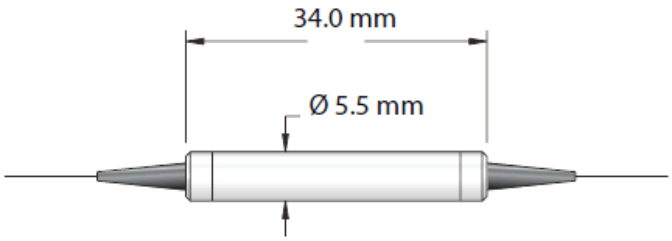
Parameter	Single Stage		Dual Stage	
	Premium	A Grade	Premium	A Grade
Center Wavelength (nm)	1064			
Typical Peak Isolation (dB)	38	36	52	50
Minimum Isolation * (dB)	32	30	42	40
Typical Insertion Loss** (dB)	1.5	1.8	2.4	2.6
Maximum Insertion Loss*** (dB)	2.0	2.2	3.4	3.6
Return loss (In/Out) (dB)	≥50	≥50	≥50	≥50
Extinction ratio (dB)	≥20	≥18	≥20	≥18
PMD (ps)	0.25		/	
Operating Temperature (℃)	-5～70			
Storage Temperature (℃)	-40～85			
Fiber Type	PM 980 panda fiber			
Fiber Length (m)	0.75m or Customer Specify			
Power Handling (mW)	300			
Package Dimension (mm)	Φ5.5×34			

*At 23° C over bandwidth

** For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER. key aligned to slow axis.

*** Including PDL, operating wavelength range, -20° C to +70° C.

Package Dimension:



Ordering Information:

Isolator Type	Wavelength	Grade	Pigtail Type	Fiber Length	In/Out Connector
S=Single Stage D=Dual Stage	13=1310nm 15=1550nm 10=1060nm	P=Premium A=Grade A	1=Bare Fiber 2=900um Jacket	1=0.75m 2=1.0m 3=1.5m 4=Customer Length	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=LC