1060nm Polarization Maintaining Single Stage Isolator

Features

- High Isolation
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- Optical Path Epoxy Free

Applications

- Optical Fiber Amplifier
- Pump Laser
- Optical Fiber Test and Measment
- Optical Fiber Sensor
- Instrumentation

Performance Specifications

Grade	P Grade	A Grade
Center Wavelength(nm)	1060	
Min.Extinction Ratio (dB)	20	18
Typ. Peak Isolation (dB)	38	36
Min. Isolation at 23°C (dB)	32	30
Typ. Insertion Loss* at 23°C (dB)	1.5	1.6
Max. Insertion Loss* at -5 ~ 70°C dB)	2.0	2.2
Min. Return Loss (input/output)(dB)	55/50	55/50
Max. Optical Power (mW)	300	
Max.Tensile Load (N)	5	
Fiber Type	Panda 980 fiber or specify	
Operating Temperature (°C)	-5 ~ +70	
Storage Temperature (°C)	-40 ~ +80	
Fiber Length (Min.)	0.75 meter each end	
Dimensions (mm)	Φ5.5 x L 35	

* Does not include connector, splice and fiber-end fresnel losses

Ordering Information

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	Wavelength	**Grade**	**Pigtail Style**	**Fiber Length**	**Package**	**In/Out Connector**
PMIS= Single Stage	10=1060nm	P=P Grade A=A Grade	1= Bare fiber 2=900um Loose tube Panda fiber S= Specify	1=0.75m 2=1.0m 3=1.5m 4=Custom length	B=Package B	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC

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