

PM Isolator

1310nm or 1550nm

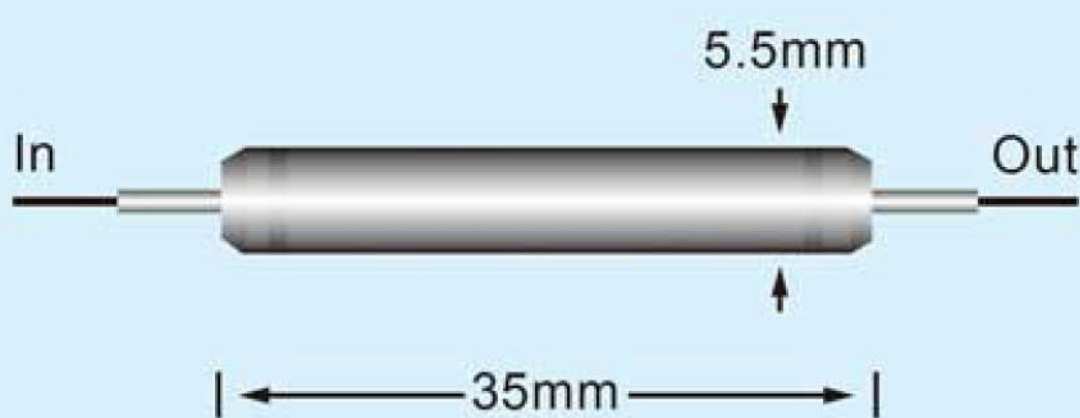
Features

- High isolation
- Low insertion loss
- High Extinction Ratio
- High stability and reliability

Applications

- EDFA & Fiber Optical Instrument
- Fiber Sensor
- Fiber Laser

Package Dimension



Performance Specifications

Parameter	Single Grade	Dual Grade
Operating Wavelength (nm)	1310 or 1550	
Bandwidth (nm)	±15	±15
Peak Isolation (dB)	40	50
Isolation (@23℃) (dB)	≥30	≥40
Typical Insertion Loss (@23℃) (dB)	0.4	0.6
Insertion Loss (@23℃) (dB)	≤0.6	≤0.8
Extinction Ratio (@23℃) (dB)	≥20	
Return Loss (dB)	≥50	
Fiber Type	PM1310 or PM1550	
Dimension (mm)	Ø5.5×L35	
Power Handling (mW)	300 or Specify	
Operating Temperature (℃)	0 ~ +70	
Storage Temperature (℃)	-40~+85	

Note:
1. For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.
2. Specifications may change without notice.

Ordering Information

□□ Isolator Type	□□ Wavelength	□ Axis Alignment	□ Fiber Diameter	□ Fiber Length	□ Connector
IS=Single stage ID=Dual Stage	13=1310nm 15=1550nm	1=Slow axis working, Fast axis blocked 2=Both axis Working S=Specify	0=250μm 1=900μm S=Specify	1=1.0m 2=1.5m S=Specify	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify