

# Polarization Maintaining Isolator

## Feature

**Low insertion loss**  
**High return loss**  
**High isolation**  
**High extinction ratio**  
**High reliability & stability**

## Application

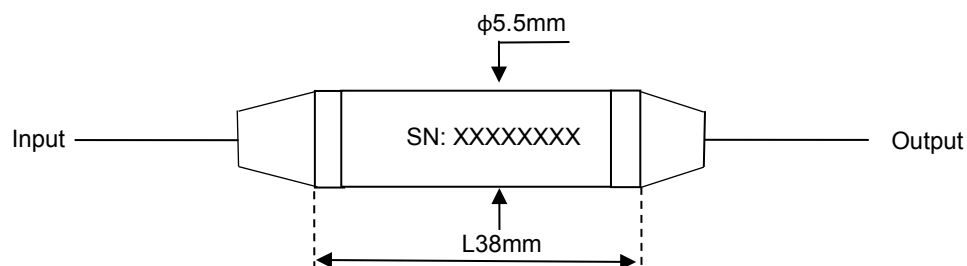
**EDFA & Raman amplifier**  
**Fiber Instrumentation**  
**Fiber sensor system**  
**Communication system**  
**Optical intergrated chips**

### ● Performance Specifications

Parameter	Unit	Value	
Type	/	Standard Single stage	Standard Dual stage
Centre Wavelength	nm	1310 or 1550	
Insertion Loss	dB	≤0.6	≤0.8
Isolation@23°C	dB	≥30	≥45
Operating Wavelength	nm	CW ± 15	CW ± 20
Min.Extinction Ratio @23°C	dB	≥20	
Return loss	dB	≥55	
Power handling	mW	≥500	
Fiber Type	/	PM Panda fiber	
Operating temperature	°C	-25~ +85	
Storage temperature	°C	-40 ~ +85	

Remark: 1. The reliability test conformed Telcordia GR-1221-CORE.  
 2. Specifications exclude connector.

### ● Package drawing:



### ● Contact Information

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