



# 1064 nm Polarization Maintaining Optical Circulator (GK-PM CIR Series)

## ● Description

The 1064 nm Polarization Maintaining Optical Circulator is a compact, high performance lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3. The PM Optical Circulator provides high isolation, low insertion loss, high extinction ratio, and excellent environmental stability.

## ● Key Features

- High Isolation
- Low Insertion Loss
- High Extinction Ratio

## ● Applications

EDFA &amp; Raman Amplifier

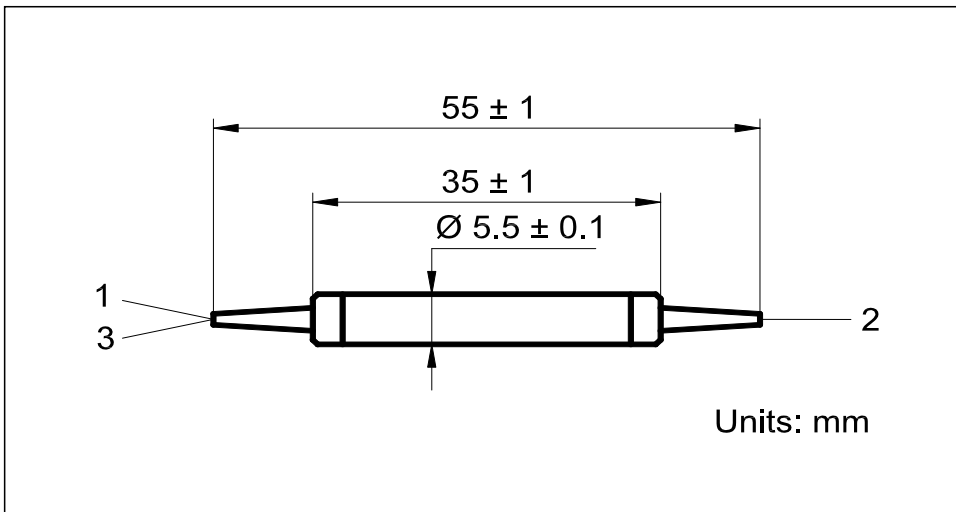
Fiber Sensors

Instrumentation

## ● Specifications

Parameter	Unit	Value
Center Wavelength ( $\lambda_c$ )	nm	1064
Type	-	$\lambda_c \pm 10$
Typ. Insertion Loss, $\lambda_c$ , 23 °C	dB	Type A    Type B
Max. Insertion Loss, $\lambda_c$ , all temperature	dB	3.4    1.8
Typ. Isolation, $\lambda_c$ , 23 °C	dB	4.0    2.1
<sup>3</sup> Min. Isolation, $\lambda_c$ , 23 °C @ power $\leq$ 30mW	dB	52    30
Min. Extinction Ratio	dB	45    25
Min. Crosstalk	dB	20
Min. Return Loss	dB	50
Max. Optical Power (Continuous Wave)	mW	300
Fiber Type	-	PM 980 Panda Fiber
Max. Tensile Load	N	5
Operating Temperature	°C	- 5 to + 50
Storage Temperature	°C	- 40 to + 85

## ● Package Dimensions



## ● Ordering Information

GK-PM CIR-①-②-③-④-⑤

### ①: Wavelength

06 - 1064 nm

SS - Specify

### ②: Type

1 - Type A

2 - Type B

### ③: Connector Type

1 - FC/UPC 4 - SC/APC

2 - FC/APC N - None

3 - SC/UPC S - Specify

### ④: Fiber Jacket

B - 250 μm Bare Fiber

L - 900 μm Loose Tube

S - Specify

### ⑤: Fiber Length

Q - 0.75 m

S - Specify