



## Polarization Insensitive Circulator (GK-FCIR Series)

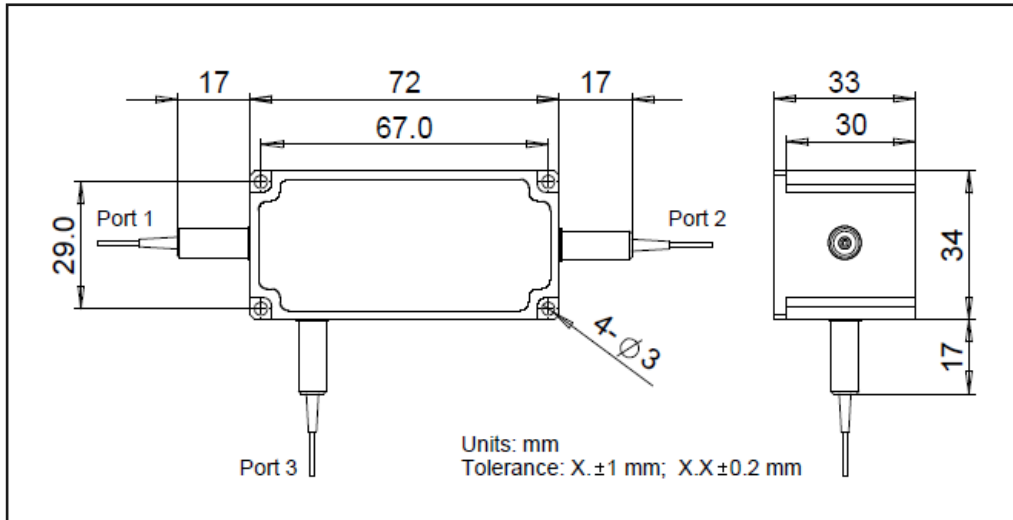
### ● Description

The Polarization Insensitive 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 component provides high isolation, low insertion loss, high extinction ratio, and excellent environment stability.

### ● Specifications

Parameter	Unit	Value
Center Wavelength ( $\lambda_c$ )	nm	850
Operating Wavelength Range	nm	$\lambda_c \pm 30$
Max. Insertion Loss, $\lambda_c \pm 30$ , 23 °C	dB	1.7
Min. Isolation, $\lambda_c \pm 30$ , 23 °C, All Polarization States	dB	20
Max. Polarization Dependent Loss	dB	0.2
Min. Crosstalk	dB	50
Min. Return Loss	dB	50
Fiber Type	-	HI 780 SM Fiber
Max. Optical Power (Continuous Wave)	mW	300
Max. Tensile Load	N	5
Operating Temperature	°C	+ 10 to + 50
Storage Temperature	°C	0 to + 60

## ● Package Dimensions



## ● Ordering Information

GK-FCIR-①-②-③-④

### ①: Wavelength

850 - 850 nm

### ②: Connector Type

1 - FC/UPC 4 - SC/APC  
 2 - FC/APC N - None  
 3 - SC/UPC S - Specify

### ③: Fiber Jacket

B - 250 μm Bare Fiber  
 L - 900 μm Loose Tube  
 S - Specify

### ④: Fiber Length

1 - 1.0 m

S - Specify