



2 μm Polarization Maintaining Fiber Optic Circulator (GK-PM CIR Series)

● Description

The 2 μm Fiber Optic Circulator is a high performance lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3.

● Key Features

- High Power Handling
- Low Insertion Loss

● Applications

Fiber Laser

Fiber Optic Instruments

● Specifications

Parameter	Unit	Value
Operating Wavelength	nm	1950 or 2000
Max. Insertion Loss, $\lambda_c \pm 30$ nm	dB	1.5
Min. Isolation, $\lambda_c \pm 30$ nm	dB	16
Min. Crosstalk	dB	40
Min. Return Loss	dB	50
Min. Extinction Ratio	dB	18
Max. Average Optical Power	W	0.3, 0.5, 1, 2 or 5
Max. Peak Power (Pulse Width, 10 ns)	kW	10
Max. Tensile Load	N	5
Fiber Type	-	Specified by ordering info.
Operating Temperature	°C	- 5 to + 70
Storage Temperature	°C	- 40 to + 85
Package Dimensions	mm	12 × 17 × 39

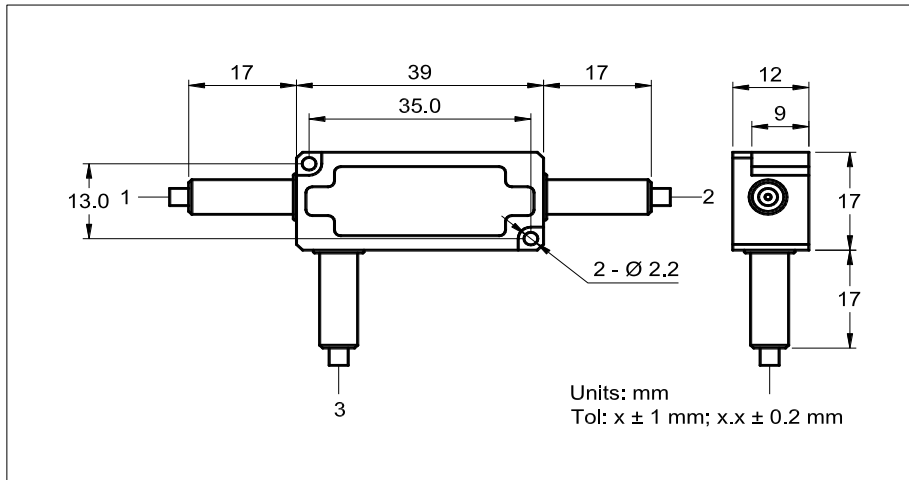
¹IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added.

Connector key is aligned to slow axis.

²The Optical Power is 1 W only for connector added.

³All of above value are tested at room temperature @ 23 °C, unless other specified.

● Package Dimensions



● Ordering Information

GK-PM CIR-①-②-③-④-⑤-⑥-⑦-⑧

①: Wavelength

2000 - 2000 nm
SSSS - Specify

②: Handling Power

03 - 0.3 W 05 - 0.5 W
1 - 1 W 2 - 2 W
5 - 5 W S - Specify

③: Fiber Type

1 - PM1550 Fiber
2 - Nufern PM1950 Fiber
3 - Thorlabs PM2000 Fiber

④: Fiber Jacket

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

⑤: Fiber Length

Q - 0.75 m
S - Specify

⑥: Power Type

P - Pulse Application
C - Continuous Wave

⑦: Connector Type

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

⑧: Working Axis

F - Fast Axis Blocked
B - Both Axis Working