2 μm Polarization Insensitive Circulator (GK-FCIR Series)

Description

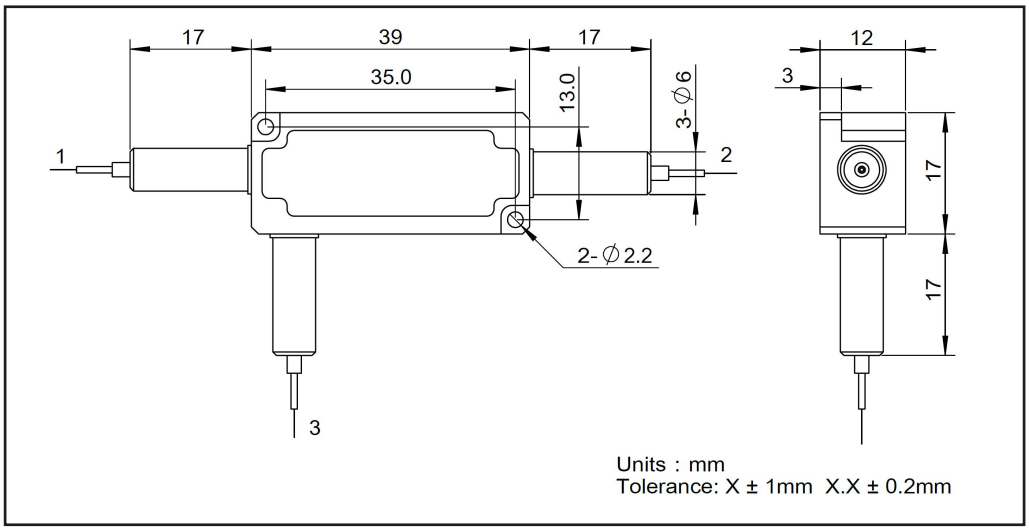
The 2 μm Polarization Insensitive Circulator is a high performance lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3.

Specifications

Parameter	Unit	Value
Operating Wavelength	nm	1950, 2000
Max. Insertion Loss, 23 ℃, λc ± 30 nm	dB	1.5
Min. Isolation, 23 ℃, λc ± 30 nm	dB	16
Min. Crosstalk	dB	40
Min. Return loss	dB	50
Max. Polarization Dependent Loss	dB	0.2
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 5
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Fiber Type	-	optional
Operating Temperature	℃	- 5 to + 70
Storage Temperature	℃	- 40 to + 85
Package Dimensions	mm	12 × 17 × 39

[1]IL is 0.3 dB higher and RL is 5 dB lower for each connector added. The Optical Power is 1 W only for connector added.

Package Dimensions



Ordering Information

GK-FCIR-①-②-③-④-⑤-⑥-⑦

①: Wavelength

1950 - 1950 nm

2000 - 2000 nm

SSSS - Specify

②: Handling Power

03 - 0.3 W 05 - 0.5 W

1 - 1 W 5 - 5 W

2 - 2 W S - Specify

③: Connector Type

1 - FC/UPC 3 - SC/UPC

2 - FC/APC 4 - SC/APC

N - None S - Specify

④: Fiber Jacket

B - 250 μm Bare Fiber

L - 900 μm Loose Tube

S - Specify

⑤: Fiber Length

1 - 1.0 m

S - Specify

⑥: Fiber Type

1 - SMF-28 Fiber

2 - Nufern SM 1950 Fiber

3 - Thorlabs SM 2000 Fiber

⑦: Power Type

P - Pulse Application

C - Continuous Wave