



High Power Polarization Maintaining Circulator (GK-HPMCIR Series)

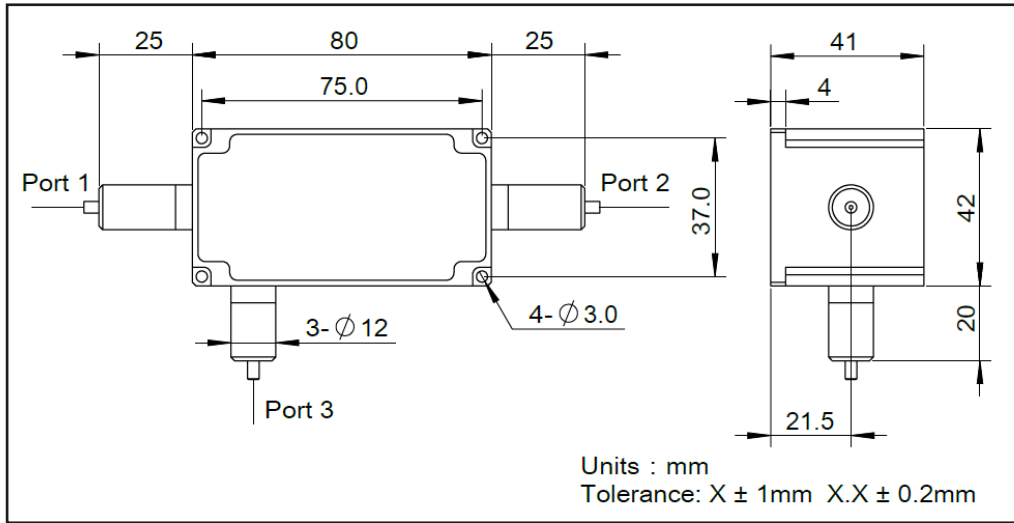
● Description

The High Power Polarization Maintaining Circulator is characterized with low insertion loss, high isolation, high power handling, high return loss, high extinction ratio. It is ideal for fiber laser and instrumentation applications.

● Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1064
Operating Wavelength Range	nm	$\lambda_c \pm 10$
Typ. Peak Isolation	dB	25
Min. Isolation, λ_c , 23 °C	dB	22
Typ. Insertion Loss, 23 °C	dB	0.8
Max. Insertion Loss, 23 °C	dB	1
Min. Extinction Ratio	dB	20
Min. Crosstalk	dB	45
Min. Return Loss	dB	45
Max. Average Optical Power	W	10
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Fiber Type	-	PM 980 Fiber
Operating Temperature	°C	+ 10 to + 50
Storage Temperature	°C	0 to + 60

● Package Dimensions



● Ordering Information

GK-HPMCIR-①-②-③-④-⑤-⑥-⑦-⑧

①: Wavelength

06 - 1064 nm
SS - Specify

②: Handling Power

03 - 3 W
10 - 10 W
SS - Specify

③: Connector Type

N - None

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: Working Axis

F - Fast Axis Blocked
B - Both Axis Working

⑦: Fiber Type

1 - PM 980 Panda Fiber
2 - Nufern-FUD-3460 fiber
3 - Nufern-PLMA-GDF-20/130-M
S - Specify

⑧: Power Type

P - Pulse Application
C - Continuous Wave