

High Power Polarization Maintaining Circulator with Tap Monitors (GK-DPMCIR Series)

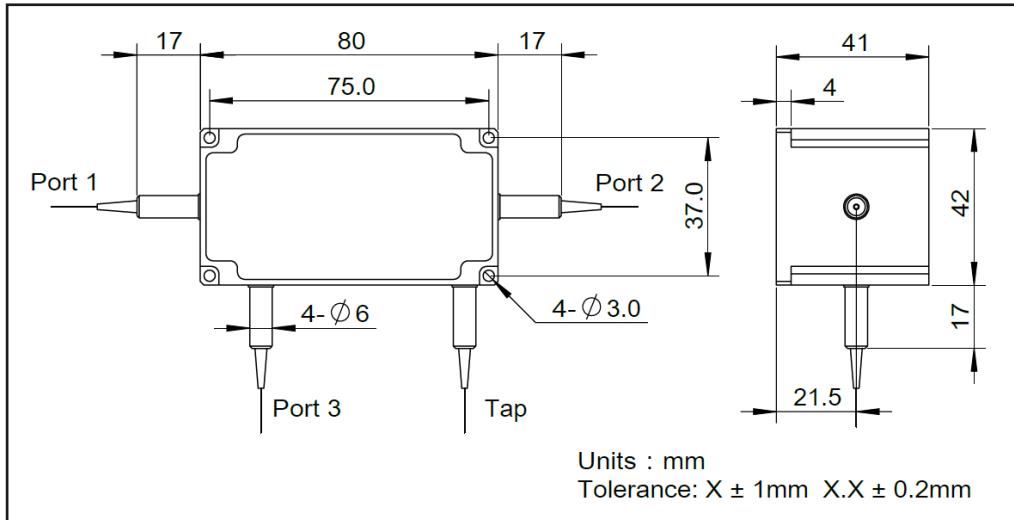
● Description

The High Power Polarization Maintaining 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. It has tap port with 1% with unique design and process, it can handle very high average power and peak power.

● Specifications

Parameter	Unit	Value
Center Wavelength	nm	1064
Min. Extinction Ratio	dB	20
Max.Insertion Loss, λ_c , 23 °C (P1 to P2, P2 to P3)	dB	1.5
Min. Isolation, λ_c , 23 °C (P2 to P1, P3 to P2)	dB	20
Min. Crosstalk (P1 to P3)	dB	45
Min. Return Loss	dB	45
Max. Total Average Optical Power	W	3 or 10
Max. Peak Power for ns pulse	kW	10
Tap Ratio (Port 2 to Tap)	%	1 ± 0.5
Fiber Type on Ports 1, 2 & 3	-	PM 980 Panda Fiber or Nufern FUD-3460 10-125 PM fiber (NA0.085)
Fiber Type on Taps	-	HI 1060 Fiber
Operating Temperature	°C	+ 10 to +50
Storage Temperature	°C	0 to + 60

● Package Dimensions



● Ordering Information

GK-HPMCIRT-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: Fiber Type

1- PM 980 Panda Fiber
2 - Nufern FUD-3460 10-125 PM Fiber

⑦: Working Axis

F - Fast Axis Blocked

⑧: Power Type

P - Pulse Application
C - Continuous Wave