



1064nm High Power Polarization Maintaining Isolator

Features

High Isolation & High Power Handling
 High Extinction Ratio
 Low Insertion Loss & High Return Loss
 Excellent Environmental Stability and Reliability

Applications

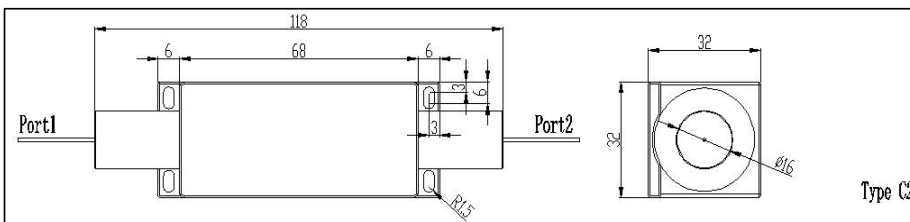
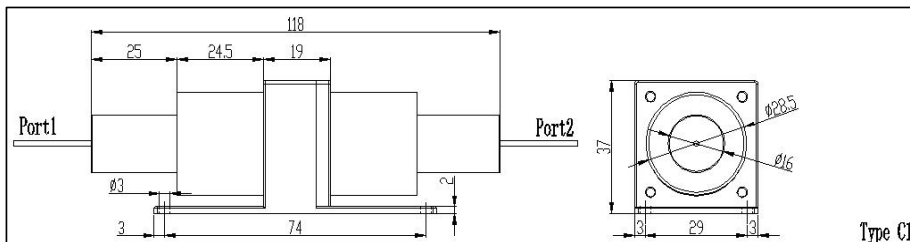
Polarization Maintaining Fiber Amplifier
 Fiber Laser
 Instrumentation Applications
 Lab Research

Specifications

Parameters	Unit	Values
Center Wavelength (λ_c)	nm	1064 or Specify
Operating Wavelength Range	nm	± 10
Typ. Peak Isolation	dB	30~35
Min. Isolation at 23°C	dB	23
Typ. Insertion Loss	dB	0.8
Max. Insertion Loss at 23°C, λ_c	dB	1.2
Min. Return Loss (Port1/Port2)	dB	50/50
Min. Extinction Ratio	dB	20
Max. Optical Power (CW)	W	1, 3, 5, 10 or Specify
Max. Tensile Load	N	5
Fiber Type		PM Panda Fiber
Operating Temperature	°C	-5 to +50
Storage Temperature	°C	-20 to +75

*For pulse applications, pls discuss with Optizone Technology.

Package Dimensions



Ordering Information

HPMI-①①-②②-③③-④④-⑤⑤-⑥

①①: Wavelength

06 - 1064nm

SS - Specify

②②: Package Type

C1 - Type C1

C2 - Type C2

③③: Handling Power

01 - 1W

03 - 3W

05 - 5W

10 - 10W

S - Specify

④④: Connector Type on Port 1 & 2

N - None

S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2

L - 900um Loose Tube

C - 3mm Loose Cable

S - Specify

⑥: Fiber Length

0.8 - 0.8m

S - Specify