

# 1064nm High Power Collimated Beam Output Isolator



## Features

High Isolation & High Power Handling  
 Low Polarization Dependent Loss  
 Low Insertion Loss & High Return Loss  
 Excellent Environmental Stability and Reliability

## Applications

Fiber Amplifier  
 Fiber Laser  
 Instrumentation Applications  
 Lab Research

## Specifications

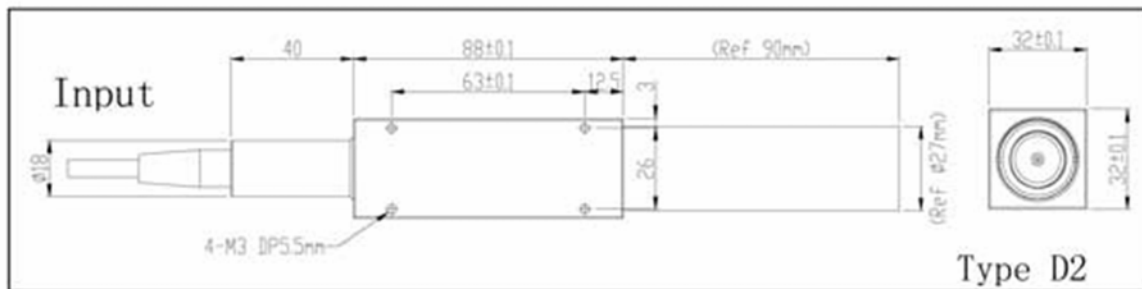
Parameters	Unit	Values
Center Wavelength ( $\lambda_c$ )	nm	1064 or Specify
Operating Wavelength Range	nm	$\pm 10$
Typ. Peak Isolation	dB	30 - 35
Min. Isolation at 23°C	dB	25
Typ. Transmission	-	93%
Min. Transmission	-	90%
Min. Return Loss	dB	50
Max. Polarization Dependent Loss	dB	0.1
Nominal Output Beam Diameter ( $1/e^2$ )	mm	0.5, 1, 5, 8, 10, Specify
Max. Optical Power (CW)	W	5, 10, 20 or Specify
Fiber Type		Hi 1060 Fiber or Specify
Operating Temperature	°C	-5 to +50
Storage Temperature	°C	-20 to +75

\*For pulse applications, please discuss with DPM Photonics

\*The dimensions of beam expanders are dependent on the required beam diameter.

\*For more detailed information please contact DPM Photonics or see the shipment data sheet.

## Package Dimensions



## Ordering Information

PMI-①①-②③-④⑤⑤-⑥⑥-⑦

①①: Wavelength

06 - 1064nm

SS - Specify

②②: Package Type

D2 - Type D2

③③: Handling Power

05 - 5W

10 - 10W

20 - 20W

SS - Specify

④④④: Output Beam Diameter

005 - 0.5mm

010 - 1mm

080 - 8mm

100 - 10mm

SSS - Specify

⑤⑤: Fiber Jacket on Port 1 & Port 2

L - 900 um Loose Tube

C - 3mm Loose Tube

A - 3mm Armoured Cable

B - 6mm Armoured Cable

S - Specify

⑥: Fiber Length

1.0 - 1.0m

S - Specify