



# 1064nm High Power PM Collimated Beam Output 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

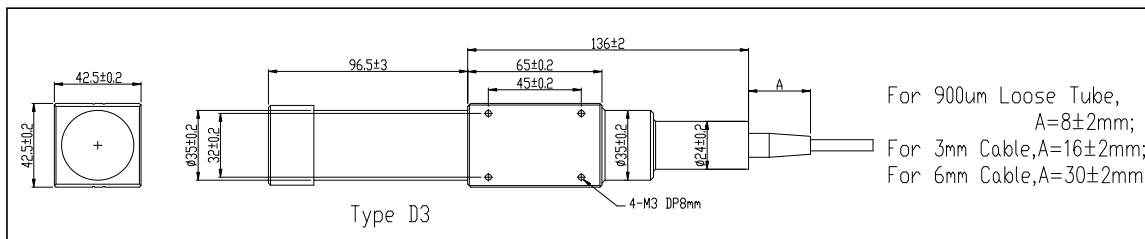
## Specifications

Parameters	Unit	Values
Center Wavelength ( $\lambda_c$ )	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
Min. Extinction Ratio (only for F Type)	dB	20
Nominal Output Beam Diameter ( $1/e^2$ )@0~1m WD	mm	5+/-0.5, 6+/-0.5, 7+/-0.5 or Specify
Max. Optical Power (CW)	W	5, 10, 20 or Specify
Max. Peak Power	KW	10, 20 or Specify
Fiber Type	-	PM 980 Panda Fiber or PLMA Fiber
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +50
Storage Temperature	°C	-20 to +75

\*For pulse applications, pls discuss with Optizone Technology.

\*The dimensions of beam expanders are dependent on the required beam diameter,detailed informations pls contact Optizone or see the shipment data sheet.

## Package Dimensions



## Ordering Information

HPMCI-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦-⑧⑧

①①: Wavelength

- 06 - 1064nm
- SS - Specify

②②: Package Type

D3 - Type D3

③③: Handling Power

- 05 - 5W
- 10 - 10W
- 20 - 20W
- SS - Specify

⑤⑤: Output Beam Diameter

- 50 - 5mm
- 60 - 6mm
- 70 - 7mm
- SS - Specify

⑥⑥: Fiber Jacket on Port 1 & 2

- B - 250um Bare Fiber
- F - 900um Loose Tube
- R - 3mm Loose Cable
- 6 - 6mm Armoured Cable
- S - Specify

⑦⑦: Fiber Length

- 0.8 - 0.8m
- S - Specify

⑧⑧: Fiber Type

- 32 - PLMA-GDF 30/250 N
- S - Specify