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 Amplifer
Fiber Laser
Instrumentation Applications
Lab Research

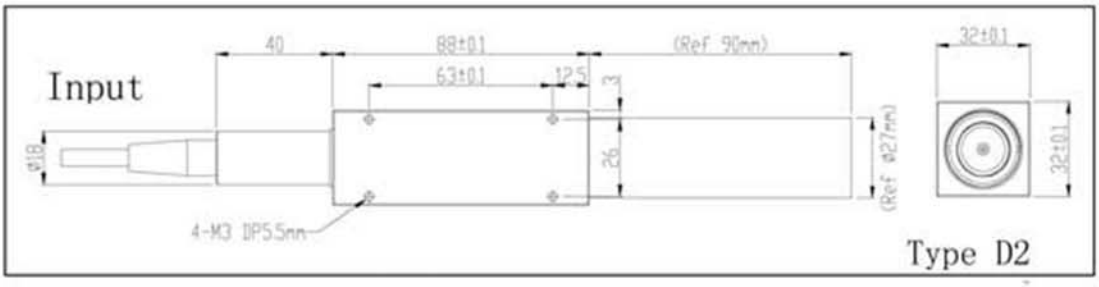
Specifications

Parameters	Unit	Values
Center Wavelength (λc)	nm	1064 or Specify
Operating Wavelength Range	nm	±10
Typ. Peak Isolation	dB	30~35
Min. Isolation at 23℃	dB	25
Typ. Transmission	-	93%
Min. Transmission	-	90%
Min. Return Loss	dB	50
Min. Extinction Ratio (only for B Type)	dB	20
Min. Extinction Ratio (only for F Type)	dB	22
Nominal Output Beam Diameter (1/e^2)	mm	0.5, 1, 5, 8, 10 or Specify
Max. Optical Power (CW)	W	5, 10, 20 or Specify
Fiber Type		PM 980 Panda Fiber or Specify
Operating Temperature	℃	-5 to +50
Storage Temperature	℃	-20 to +75

*For pulsed applications, please discuss with DPM Photonics

*Dimensions of the beam expanders are dependent on the required beam diameter.
for more details please contact DPM Photonics or refer to the shipment data sheet.

Package Dimensions



Ordering Information

HPMCI-①①-②②-③③-④-⑤⑤-⑥⑥-⑦

①①: Wavelength
06 - 1064nm
SS - Specify

②②: Package Type
D2 - Type D2

③③: Handling Power
05 - 5W
10 - 10W
20 - 20W
SS - Specify

④: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

⑤⑤: Output Beam Diameter
05 - 0.5mm
10 - 1mm
50 - 5mm
80 - 8mm
100 - 10mm
SS - Specify

⑥⑥: Fiber Jacket on Port 1 & 2
L - 900um Loose Tube
C - 3mm Loose Cable
A - 3mm Armoured Cable
B - 6mm Armoured Cable
S - Specify

⑦: Fiber Length
0.8 - 0.8m
S - Specify