

Optizone 1064nm High Power Collimated Beam Output Isolator-Type D72

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

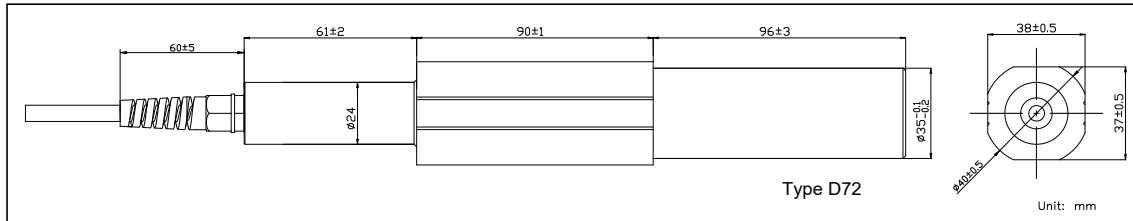
Specifications

Parameters	Unit	Values
Center Wavelength (λ_c)	nm	1064 or Specify
Operating Wavelength Range	nm	± 5
Typ. Peak Isolation	dB	30~35
Min. Isolation at 23°C	dB	28
Typ. Transmission	-	93%
Min. Transmission	-	90%
Ellipticity	%	>90
Min. Return Loss	dB	50
Max. Polarizaition Dependent Loss	dB	0.1
Nominal Output Beam Diameter ($1/e^2$)@0~1m WD	mm	5+/-0.5, 6+/-0.5, 7+/-0.5 or Specify
Max. Average Power	W	5, 10, 20 or Specify
Max. Peak Power	KW	10, 20 or Specify
Max. Tensile Load	nm	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

HPICI-①①-②②②-③③-④④-⑤-⑥-⑦

①①: Wavelength

- 06 - 1064nm
- SS - Specify

④④: Output Beam Diameter

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

⑥: Fiber Length

- 1.0 - 1.0m
- S - Specify

②②②: Package Type

D72 - Type D72

SS - Specify

③③: Handling Power

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

⑤⑤: Fiber Jacket

- 6 - 6mm Armoured Cable
- S - Specify

⑦: Fiber Type

- 88 - Nufern LMA-GDF-20/130-085A NA0.08
- S - Specify