

Optizone 1064nm High Power Collimated Beam Output Isolator—Type D62

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

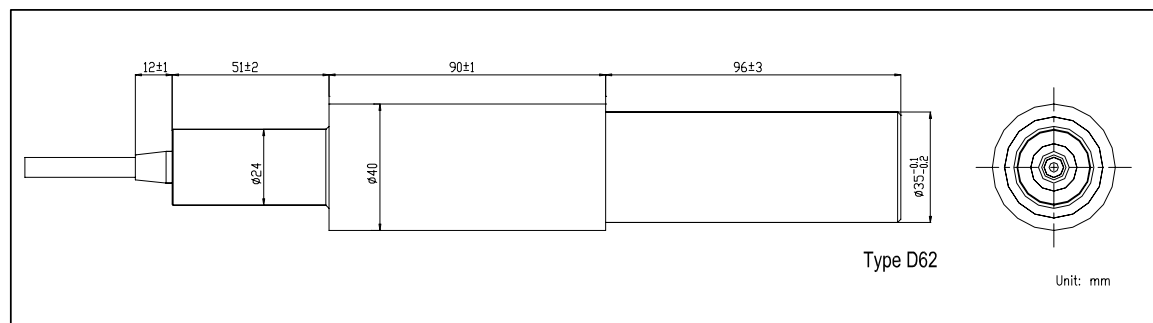
Specifications

Parameters	Unit	Values
Center Wavelength (λ_c)	nm	1064
Operating Wavelength Range	nm	± 5
Min. Isolation @ 25°C	dB	28
Min. Transmission	-	90%
Min. Return Loss	dB	50
Nominal Output Beam Diameter ($1/e^2$) @0~1m WD	mm	6 \pm 0.5 or Specify
Ellipticity	%	>90
Max. Optical Average Power	W	10, 20 or specify
Max. Peak Power	KW	10, 20 or Specify
Fiber Type	-	SCF 20/130 Fiber or LMA 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,pls contact Optizone or see the shipment data sheet.

Package Dimensions



Ordering Information

HPICI-①①-②②-③③-④④-⑤⑤-⑥⑥

①①: Wavelength

06 - 1064nm

SS - Specify

③③: Handling Power

10 - 10W

20 - 20W

SS - Specify

⑤⑤: Fiber Jacket

B - 6mm Armoured Cable

②②: Package Type

D62 - Type D62

④④: Output Beam Diameter

60- 6.0mm

SS - Specify

⑥⑥: Fiber Length

2 - 1.5m 6mm Armoured Cable
 & 2.6mm Cable,
 0.5m Bare Fiber