Optizone 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 Amplifer
Fiber Laser
Instrumentation Applications
Lab Research

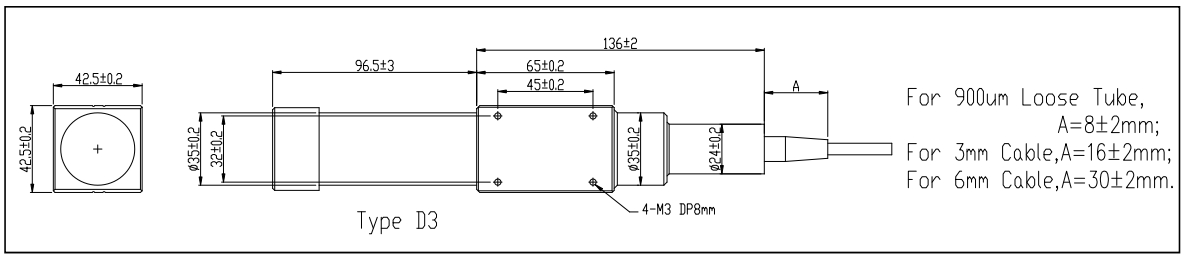
Specifications

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
Max. Polarizaiton 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. Optical Power (CW)	W	5, 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	℃	-5 to +50
Storage Temperature	℃	-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-①①-②②-③③-④④-⑤⑤-⑥-⑦

①①: Wavelength
06 - 1064nm
SS - Specify

②②: Package Type
D3 - Type D3

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

④④: Output Beam Diameter
50 - 5mm
60 - 6mm
70 - 7mm
SS - Specify

⑤⑤: Fiber Jacket on Port 1 & 2
F - 900um Loose Tube(White）
R - 3mm Loose Cable
3 - 3mm Armoured Cable
6 - 6mm Armoured Cable
S - Specify

⑥: Fiber Length
1.0 - 1.0m
S - Specify

⑦: Fiber Type
116 - BrightCore
S - Specify