



1064nm High Power Polarization Insensitive Isolator

Features

Low Insertion Loss
High Isolation
High Power Handling
High Return Loss

Applications

Fiber Laser
Instrumentation
Fiber Amplifier
Lab Research

Specifications

Parameters	Unit	Values	
Center Wavelength (λ_c)	nm	1064 or Specify	
Operating Wavelength Range	nm	± 10	
Typ. Peak Isolation	dB	32-40	
Min. Isolation at 23°C	dB	26	
Typ. Insertion Loss	dB	0.6	
Max. Insertion Loss at 23°C, λ_c	dB	1.0	
Min. Return Loss (Port1/Port2)	dB	50/50	
Max. Polarization Dependent Loss	dB	0.15	
Max. Optical Power (CW)	W	1, 3, 5,	10,20
Package Type		C5	C6
Max. Tensile Load	N	5	
Fiber Type		HI 1060 Fiber or LMA Fiber	
Operating Temperature	°C	-5 to +50	
Storage Temperature	°C	-20 to +75	

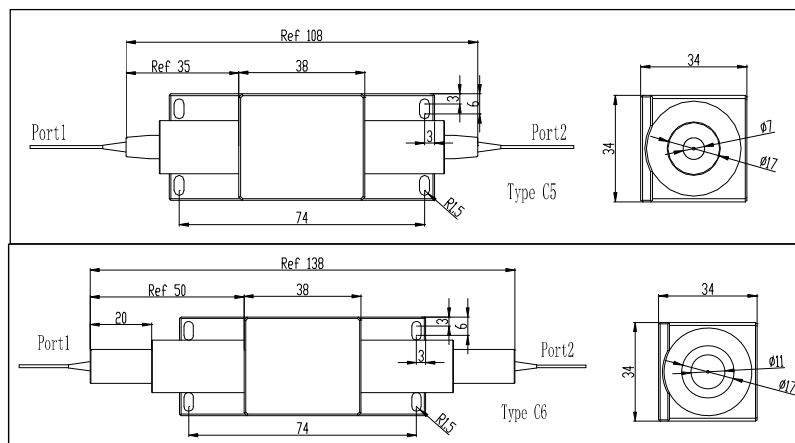
*For pulse applications, pls discuss with Optzone Technology.

*No plastic cap on the ends of the component if 3mm jacketed is chosen;

*If special pulse power is applied, please discuss with Optzone;

*Package size indicated is for standard choose, if special size is required, please discuss with Optzone.

Package Dimensions



Ordering Information

HPII-①①-②②-③③-④④-⑤⑤-⑥⑥

①①: Wavelength

06 - 1064nm

S - Specify

②②: Package Type

C5 - Type C5

C6 - Type C6

③③: Handling Power

01 - 1W

05 - 5W

10 - 10W

20 - 20W

S - Specify

④④: Connector Type on Port 1 & 2

N - None

S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2

L - 900um Loose Tube

C - 3mm Loose Cable

S - Specify

⑥⑥: Fiber Length

0.8 - 0.8m

S - Specify

DPM PHOTONICS