

**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 ( $\lambda_c$ )	nm	1064 or Specify (1030)	
Operating Wavelength Range	nm	$\pm 10$	
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, $\lambda_c$	dB	1,0	
Min. Return Loss (Port1/Port2)	dB	50/50	
Max. Polarization Dependent Loss	dB	0.15 (only for HPPII type isolators)	
Min. ER (only for HPMI type isolators)	dB	20 for B type, 22 for F type	
Max. Optical Power (CW)	W	1, 3, 5	10, 20, 30, 50
Max. Peak Power	KW	5 or Specify	10 or Specify
Package Type	-	C5	C6
Fiber Type (only for HPPII type isolators)	-	HI 1060 Fiber or LMA Fiber	
Fiber Type (only for HPMI type isolators)	-	PM 980 Fiber or PLMA Fiber	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +50	
Storage Temperature	°C	-20 to +75	

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower, and only for 1W CW.

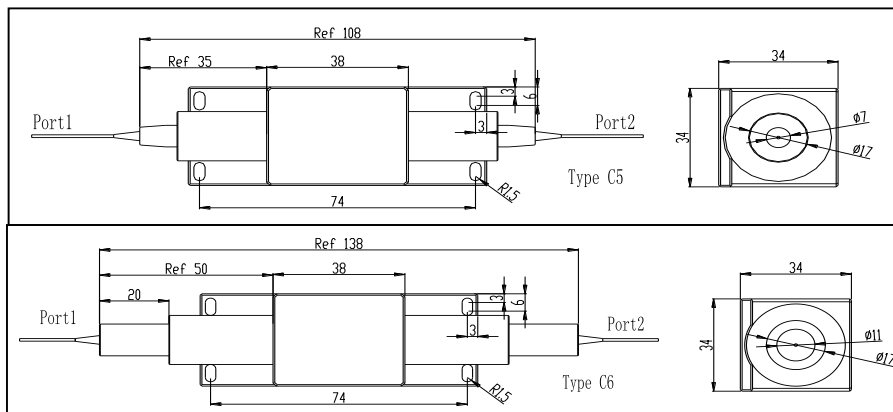
\*The PM fiber and connector key are aligned to the slow axis.

\*For pulse applications, pls discuss with Optizone Technology.

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

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

**Package Dimensions**



**Ordering Information**

HPPII-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦

HPMI-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦

①①: Wavelength

06 - 1064nm

S - Specify

④④: Axis Alignment

F - Fast Axis Blocked

B - Both Axis Working

⑦⑦: Fiber Length

0.8 - 0.8m

S - Specify

②②: Package Type

C5 - Type C5

C6 - Type C6

⑤⑤: Connector Type on Port 1 & 2

N - None

S - Specify

③③: Handling Power

01 - 1W

05 - 5W

50 - 50W

S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2

L - 900um Loose Tube

C - 3mm Loose Cable

A - 3mm Armoured Cable

S - Specify

**Remarks:**

- 1) HPMI, High Power Polarization Mainta
- 2) HPPII, High Power Polarization Insensitive Isolators;
- 3) Item④ is for HPMI type only.