

**Features**

Low Insertion Loss
High Isolation
High Power Handling
High Return Loss
High Extinction Ratio

Applications

Fiber Laser
Instrumentation
Fiber Amplifier
Lab Research

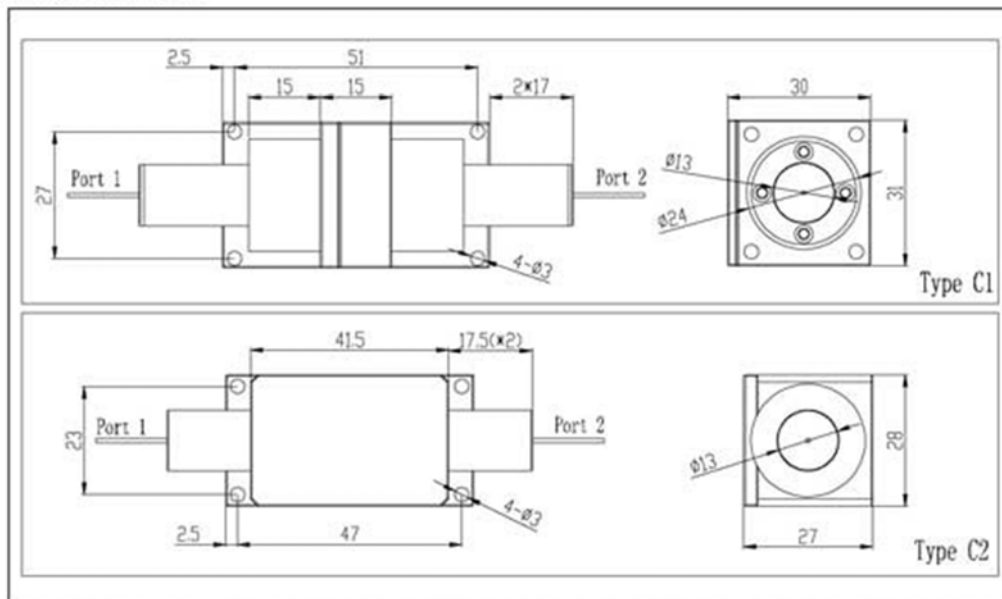
Specifications

Parameters	Unit	Values	
Grade		Grade P	Grade A
Center Wavelength (λ_c)	nm	850	
Operating Wavelength Range	nm	± 10	
Min. Extinction Ratio at 23°C	dB	20	18
Typ. Peak Isolation	dB	30-35	28-32
Min. Isolation at 23°C	dB	23	22
Typ. Insertion Loss at 23°C	dB	0.8	1.0
Max. Insertion Loss at 23°C	dB	1.2	1.4
Min. Return Loss (input/output)	dB	50/50	45/45
Max. Optical Power (CW)	mW	500	
Max. Tensile Load	N	5	
Fiber Type		PM Panda Fiber	
Operating Temperature	°C	°0 to +60	
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.

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

Package Dimensions**Ordering Information**

HPMI-①①-②-③-④④-⑤⑤-⑥

①①: Wavelength

85 - 850nm

SS - Specify

②: Package Type

C1 - Type C1

C2 - Type C2

③: Grade

P - Premium Grade

A - A Grade

④④: Connector Type on Port 1 & 2

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2

B - 250um Bare Fiber

L - 900um Loose Tube

C - 3mm Loose Cable

S - Specify

⑥: Fiber Length

1 - 1.0m

S - Specify