

1064nm High Power PM Collimated Beam Output Isolator

Descriptions

The high power isolator is characterized with low insertion loss, high isolation, high power handling, high return loss, excellent environmental stability and reliability.

Features

- ▶ High Isolation
- ▶ Low Insertion Loss
- ▶ High Return Loss
- ▶ High stability & Reliability

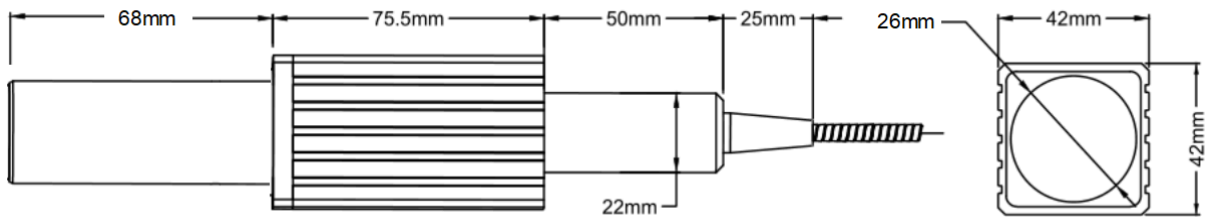
Applications

- ▶ Fiber Laser
- ▶ Testing Instrument
- ▶ Polarization Maintaining Fiber Amplifier

Specifications

Parameters	Unit	Value
Center Wavelength	nm	1030,1064 or Specified
Operating Wavelength Range	nm	±5
Typ. Peak Isolation at 23℃	dB	30~35
Min. Isolation at 23℃	dB	28
Max. Insertion Loss at 23℃	dB	0.5
Min. Extinction Ratio at 23℃, only for PM	dB	16
Min. Beam Roundness	%	90
Min. Return Loss(Input /Output)	dB	50
Nominal Output Beam Diameter (1/e ²)	mm	1±0.3
Fiber Type (input port)	/	PLMA-GDF-P15/130
Max. Average Optical Power	W	10, 20, or Specified
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Operating Temperature	℃	+5~+55
Storage Temperature	℃	-5~+75

Package Dimensions



Ordering Information

HPMCI - A - B - C - D - E - F - G - H		
A	Center Wavelength	1064=1064nm, 1030=1030nm
B	Fiber Type	PM15130= PLMA-GDF-P15/130, or others
C	Pigtail Type	BF=Bare Fiber,0.9=0.9mm Tube
D	Axis Alignment (Only for PM)	F=Slow axis working, Fast axis blocked, B=Both of axis working
E	Power Type	P=Pulse Application, C=Continuous Wave
F	Handling Power	5=5W,25=25W,50=50W,100=100W, Customer Request
G	Package Size	42x42x218.5mm or others
H	Fiber length	003=0.3m, 005=0.5m; 010=1.0m 100=10m etc
For example: HPMCI -1064-PM15130-BF-F-C-25W-42x42x218.5-010		