



深圳市驰光光电有限公司
Speedoptics Co., Ltd.

1064nm High Power Collimated Free-space Beam Output Isolator

Features

high isolation&high power handling
High extinction ratio
Low insertion loss&high return loss

Applications

PM components,research,free space communications,fiber lasers

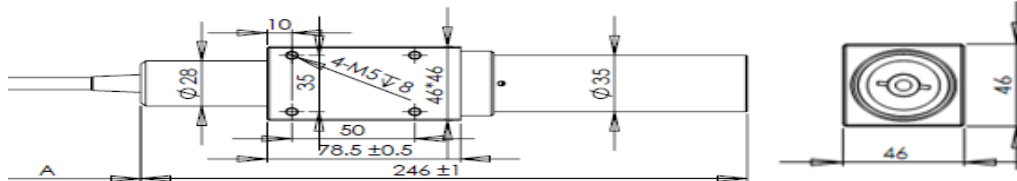
Product Characteristics

Performance



Parameters	Unit	Values
Central Wavelength	nm	1064
Operating Wavelength Range	nm	± 10
Typ. Peak Isolation	dB	35
Min. Isolation in Band (at 25°C)	dB	30
Min. Transmission	%	90
Nominal Output Beam Diameter	mm	8 $\pm$ 2
Max. Optical Power (CW)	W	10, 20, 30, 50, 100 or Specify
Max. Peak Power	KW	10, 20, 100, 200
Min. Return Loss	dB	50
Fiber Type	/	LMA-GDF-10/125, LMA-GDF-20/125, LMA-GDF-25/250 Si-08-10, Si-11-15, Si-12-20, Si-11-30 or Specify
Fiber Length	m	>3.0
Armoured Length	m	2.5
Tensile Load	kg	1
Operation Temperature	°C	0 ~ +50
Storage Temperature Range	°C	-20 ~ +75

Package Dimensions



Ordering Information

HPCFSI-①①-②②-③③-④-⑤⑤⑤-⑥⑥

①①:Wavelength

06-1064nm

S-Specify

Length

Length

②② :Optical Power

10-10W

20-20W

S-Specify

③③: Output Beam Diameter

08-8mm

S-Specify

④: Package Dimensions

C- Circle Type

Q- Quadrate Type

⑤⑤⑤:Fiber Jacket on Input & Length

C25-3mm Loose Cable&2.5m Length

A25-3mm Armoured Cable&2.5m

B25-6mm Armoured Cable&2.5m

⑥⑥:Fiber Length

30-3.0m

S-Specify