

1550 nm High Power PM Collimated Beam Output Isolator



Features

High Isolation and High Power Handling
High Extinction Ratio
High Return loss
Low Insertion Loss
Excellent Environmental Stability and Reliability

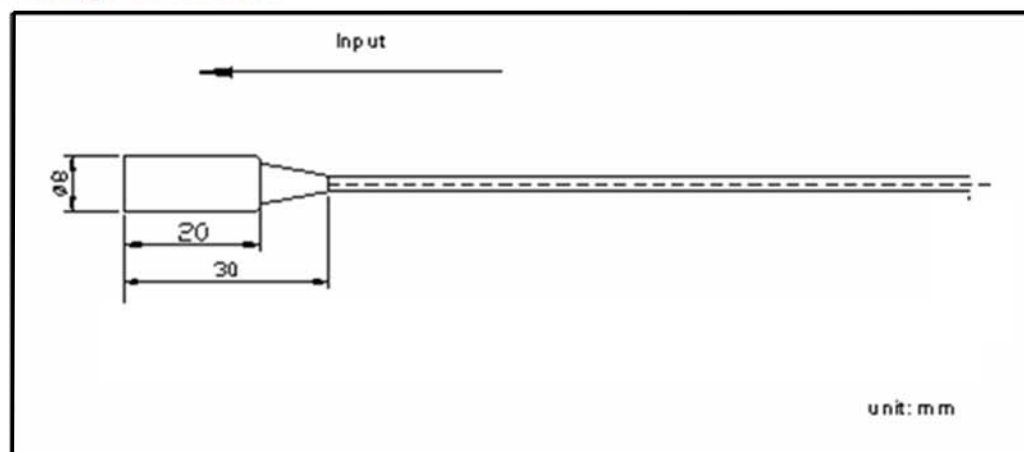
Applications

Fiber Amplifiers
Fiber Lasers
Lab Research
Instrumentation Applications

Specifications

Parameters	Unit	Values	
Center Wavelength (λ_c)	nm	1550 or Specify	
Operating Wavelength Range	nm	± 20	
Stage		Single	Dual
Min. Isolation at 25°C, 1530~1570nm	dB	28	45
Min. Transmission Ratio over 1550 $\pm$ 20nm	-	92%	90%
Min. Return Loss	dB	50	
Min. ER	dB	20	
Nominal Output Beam Diameter	mm	0.48 (@20mm)	
Maximum Handling Power	W	1, 3, 5, or 10	
Fiber Type		PM Panda 1550	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +60	

Package Dimensions



Ordering Information

HPMCI-①①-②②-③③-④④-⑤⑤-⑥⑥

①①: Wavelength

55 - 1550nm

SS - Specify

③③: Stage

S - Single Stage

D - Dual Stage

⑤⑤: Fiber Jacket on Port

L - 900um Loose Tube

A - 3mm Armoured Cable

S - Specify

②②: Handling Power

01 - 1W

03 - 3W

05 - 5W

10 - 10W

④④: Output Beam Diameter

0.4 - 0.48mm

SS - Specify

⑥⑥: Fiber Length

1 - 1m

S - Specify