

High Power Polarization Maintaining Isolator

Features

- Low insertion loss
- High return loss and Isolation
- Excellent environmental stability

Application

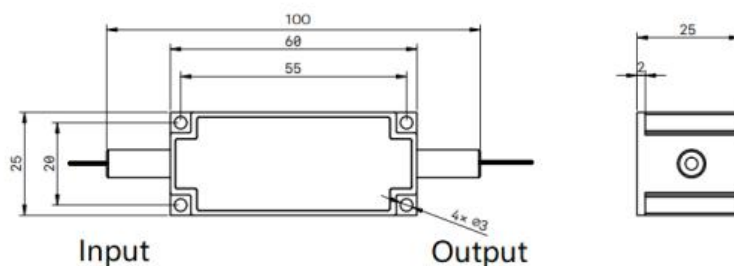
- Laboratory investigation
- Fiber laser
- Optical fiber amplifier

Specifications

Parameter	Unit	Value
Center Wavelength	nm	1064 or Specify
Operating Wavelength Range	nm	±10
Max.Insertion Loss @23 °C	dB	1.0
Min.Isolation @23 °C, λ_c	dB	25
Min.Extinction Ratio	dB	20
Working axis	/	Fast axis blocked
Min.Return loss (Input/Output)	dB	50/50
Max.Average Power handling	W	50 or Specify
Max.Peak Power for ns Pulse	Kw	10
Operating temperature	°C	10~+50
Storage temperature	°C	0~+60
Package Dimensions	mm	60x25x25

- * Above Specifications are for device without connector
- * For device with connector, the IL will be 0.3dB higher,ER will be 2dB lower and RL will be 5dB lower
- * The max handling power will be only 1W guaranteed
- * The material must be ROHS compliant

Package dimensions



Ordering information

HPMI-①①①①-②②-③-④-⑤-⑥

①①①①:Wavelength

1064 - 1064nm

1030 - 1030nm

SSSS - Specify

②②:Handling Power

20 - 20W

50 - 50W

SS - Specify

③:Fiber Jacket

B - 250 μ m Bare Fiber

L - 900 μ m Loose Tube

S - Specify

④: Connector Type

N - None

S - Specify

⑤:Fiber Length

1.0 - 1.0m

S - Specify

⑥:Fiber Type

1 - Nufern PLMA-GDF-10/125-M

S - Specify