

High Power Polarization Maintaining Isolator 780nm

Features

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

Application

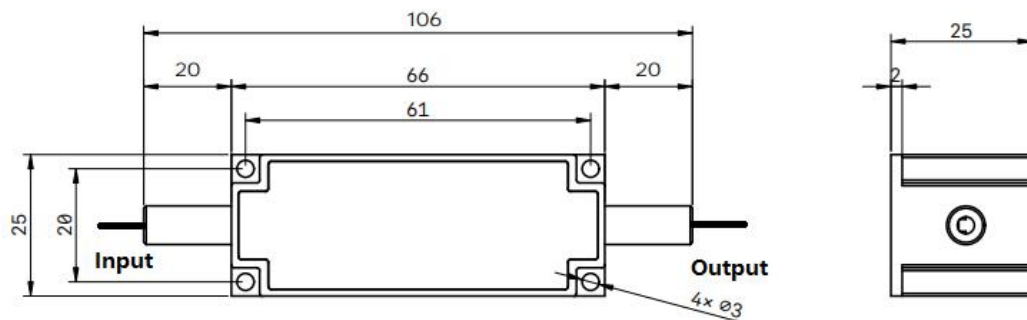
- Laboratory investigation
- Fiber laser
- Optical fiber amplifier

Specifications

Parameter	Unit	Value
Center Wavelength	nm	780
Operating Wavelength Range	nm	±10
Max.Insertion Loss @23℃	dB	1.2
Min.Isolation @23℃, λ_c	dB	25
Min.Extinction Ratio (Input to Output)	dB	20
Min.Return loss (Input/Output)	dB	50/50
Max.Average Power handling	W	10 or Specify
Max.Peak Power for ns Pulse	Kw	10
Operating temperature	℃	10~+50
Storage temperature	℃	0~+60
Package Dimensions	mm	66x25x25

- * 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-①①①-②②-③-④-⑤-⑥-⑦

①①①:Wavelength

780-780nm

SSS - Specify

②②:Handling Power

05 - 5W

10 - 10W

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: Working Axis

F - Fast axis blocked

B - Both Axes Working

⑥:Fiber Type

1 - PM 780

2 - PM 850

S - Specify