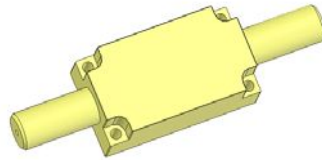


2W 10XXnm In-line Isolator, PH(M)IIF



PH(M)IIF

Description

The 2W 10xxnm in-line isolator is characterized with low cost and compact size. It is characterized with low insertion loss, high isolation, high power handling, high return loss, excellent environmental stability and reliability. The effective heat dissipation technique developed by Idealphotonics ensures the isolator shows exceptional performance under high power and long time operation, It is ideal for fiber laser and instrumentation applications.

Feature

- High isolation and low insertion loss
- PM and Non-PM are available
- Excellent environmental stability and reliability
- Customized fiber type available

Application

- Fiber Laser
- Fiber Sensor

Specification

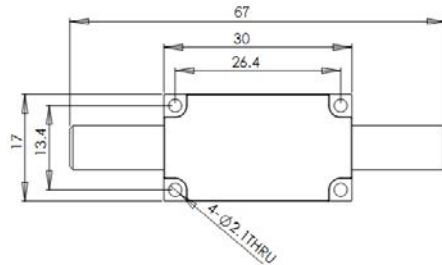
Type Parameter	2W In-line		
	Non-PM Isolator	PM Isolator	
Operating Wavelength(nm)	1064±5	1075±5	1080±5
Peak	3		
Isolation In Band at 23°C (dB)	≥		
Insertion Loss at 23°C (dB) (Input power	≤2.	≤2.	≤
Insertion Loss at 23°C (dB) (Input power @ max.	≤2.	≤2.	≤
Polarization Dependent Loss (dB)	≤0.1	/	
Extinction Ratio (dB)	/	≥18 (Type B), ≥20 (Type F)	
Return Loss (Input/output) (dB)	≥		

Fiber type		HI1060, x/125; PM980; PM x/125, etc. (x=10um, 15um, 20um etc.)	
Max. power handling	Average (W)	2	1
	Pulse Peak(W)	1000, higher on demand	
Dimensions (L×W×H)(mm)		67*17	

* Type B: Both axis working, Type F: Fast axis blocked.

* Power Handling is total power=Forward power + Backward power.

Package Dimensions



Ordering information

PH(M)IIF - XXXX - X - X - X(X) - X - XX*XX*XX-XX

