

850nm High Power In Line Optical PM Isolator

Features	
Low Insertion Loss High Isolation & Return Loss High reliability and High Extinction Ratio	
Application	
EDFA & Instrumentation & Fiber Amplifier Fiber Laser & Lab Research	

Specifications

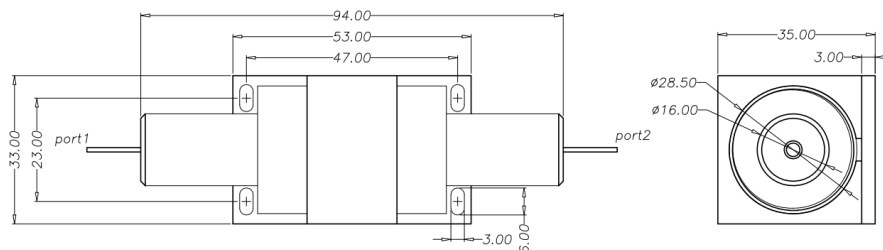
Parameter	Value	
Center wavelength (nm)	850	
Bandwidth (nm)	± 10	
Insertion Loss @23°C	≤ 1.0 (typ.0.7)	
Peak Isolation (dB)	32~40	
Isolation at 23°C (dB)	≥ 25	
Extinction Ratio at 23°C (dB)	Type B (Both axis working)	≥ 18
	Type F (Fast axis blocked)	≥ 20
Return loss (Input/output) (dB)	$\geq 50/50$	
Power handling CW (W)	0.3,0.5,1,2,3,5 or specify	
Fiber Type	PM850 fiber	
Operating temperature (°C)	0 ~ +65	
Storage temperature (°C)	-20 ~ +85	
Package Dimension (mm)	94*33*35	

*Above specifications are for device without connector.

*For devices with connector, IL will be 0.3dB higher,ER will be 2dB lower and RL will be 5dB lower, and max handling power is 1W

*The PM fiber and the connector key are aligned to the slow axis.

Package dimension



Ordering Information

HPMIS	Wavelength	Axis Alignment	Power	Fiber Type	Pigtail Type	Length	Connector
HPMIS	0850=850nm	B=Both axis working F= Fast axis blocked	0=300mW 1=500Mw 2=1W 3=2W 4=3W 5=5W S=specify	3=PM850	1=250um bare fiber 2=900um loose tube 3=3mm loose tube	H=0.5m 8= 0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m A=2.5m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC