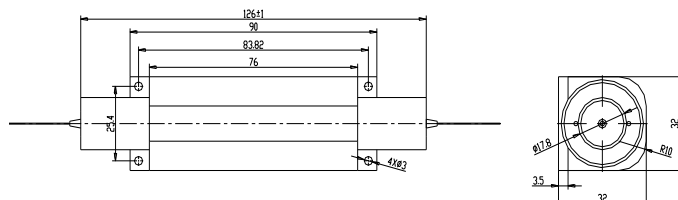


High Power Multimode Optical Isolator 850nm

The 850nm High Power Multimode Optical Fiber Isolator is an in-line pigtailed micro-optic component that allows light to be transmitted only in the forward direction while blocking the backward transmission. It was built by 50/125, 62.5/125, or 105/125um multimode fiber. It features high isolation, low insertion loss and high power handling. The optical isolators are commonly used to protect lasers or amplifiers against back-reflected light.



Features

- High Isolation
- Low Insertion Loss
- High Power Handling

Applications

- Fiber Amplifier
- Fiber Laser & Sensor
- Lab & Research

Performance Specification

Parameter	Value	Unit
Center Wavelength	850	nm
Bandwidth	±5	nm
Typ. Insertion Loss at 23℃	0.8	dB
Max. Insertion Loss at 23℃	1.0	dB
Typ. Peak Isolation	30	dB
Min. Isolation at 23℃	25	dB
Max. PDL at 23℃	0.15	dB
Min. Return Loss	50	dB
Max. Optical Power (CW)	0.5, 1, 3, 5, 10, 20, 30	W
Max. Tensile Load	5	N
Fiber Type	50/125, 62.5/125, or 105/125um Multimode Fiber, NA. 0.22	
Operating Temperature	-5 to +50	℃
Storage Temperature	-20 to +75	℃
Package Dimension		mm

Note

* For pulse applications, pls discuss with OF-LINK.

Ordering Information

MMHPI-AAA-BBB-C-DD-EE-FF

AAA	BBB	C	DD	EE	FF
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector	Power
850 - 850nm	050 - 50/125um MM Fiber	B - 250um Bare Fiber	05 - 0.5m	NE - None	Z5 - 0.5W
SSS - Specify	625 - 62.5/125um MM Fiber	L - 900um Loose Tube	08 - 0.8m		01 - 1W
	105 - 105/125um MM Fiber		10 - 1.0m		05 - 5W
	SSS - Specify		15 - 1.5m		10 - 10W
			SS - Specify		20 - 20W
					30 - 30W
					SS - Specify