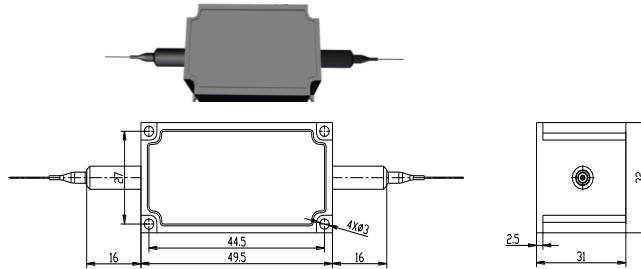


Multimode Optical Isolator 790 793 808 810 nm

The 790 793 808 810nm 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
- Broadband

Applications

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

Performance Specification

Parameter	Value	Unit
Center Wavelength	790, 793, 808, 810 or customized	nm
Bandwidth	±10	nm
Typ. Insertion Loss at 23°C	0.9	dB
Max. Insertion Loss at 23°C	1.5	dB
Typ. Peak Isolation	25	dB
Min. Isolation at 23°C	20	dB
Min. Return Loss	30	dB
Max. Optical Power (CW)	1	W
Max. Tensile Load	5	N
Fiber Type	50/125, 62.5/125, or 105/125um Multimode Fiber	
Operating Temperature	5 to +60	°C
Storage Temperature	-20 to +75	°C
Package Dimension		mm

Note

* For pulse applications, pls discuss with OF-LINK.
* Package size subject to change without notice.

Ordering Information

MMHPI-AAA-BBB-C-DD-EE

AAA	BBB	C	DD	EE
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
790 - 790nm	050 - 50/125um MM Fiber	B - 250um Bare	05 - 0.5m	NE - None
793 - 793nm	625 - 62.5/125um MM Fiber	Fiber	08 - 0.8m	FA - FC/APC
808 - 808nm	105 - 105/125um MM Fiber	L - 900um Loose	10 - 1.0m	FP - FC/PC
810 - 810nm	SSS - Specify	Tube	15 - 1.5m	SA - SC/APC
SSS - Specify			SS - Specify	SP - SC/PC
				LA - LC/APC
				LP - LC/PC