

1064nm Multimode Fiber Optic Isolator

1064nm Multimode Fiber Optic Isolator is a fiber passive component built with multimode fiber, it allows light signal to be delivered in one forward direction and avoid the back reflection light, it's widely used in amplifier system, fiber optic sensor system to protect the light source and lower down the optical signal noise. High power type is available upon request.

Application:

Fiber Amplifier
Fiber Optic Sensor
Fiber Laser
Lab & Research

Features:

High Isolation
Multimode
Low Insertion Loss
High Reliability



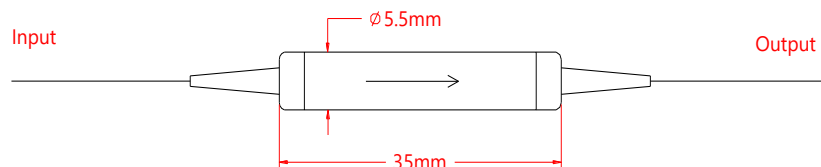
Specification:

Parameter	Symbol	Value		Unit
Center Wavelength	λ	1064		nm
Bandwidth	BW	± 5		nm
Stage		Single Stage	Dual Stage	-
Typ. Insertion Loss	IL	1.5	2.4	dB
Max. Insertion Loss	IL	2.0	3.4	dB
Typ. Peak Isolation	Iso	25	45	dB
Min. Isolation	Iso	18	35	dB
Min. Return Loss	RL	35		dB
Max. Optical Power (CW)	P	300		mW
Max. Tensile Load		5		N
Fiber Type		50/125 or 62.5/125 MM fiber		-
Operating Temperature	T	-5~70		°C
Storage Temperature	T	-40~85		°C
Package Dimension		$\Phi 5.5 \times L35$		mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23°C.

For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

MMISO- WWW - S - FF - S - J - LL - CC					
WWW	S	FF	J	LL	CC
Wavelength	Stage	Fiber Type	Fiber Jacket	Fiber Length	Connector
1064 - 1064nm SSSS - Specify	S - Single Stage D - Dual Stage	M5 - 50/125 MM fiber M6 - 62.5/125 MM fiber M1 - 105/125 MM fiber SS - Specify	B - 250um Bare Fiber 9 - 900um Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify