



## Multimode Isolator

I&Optics' multimode isolator can transmit the input signal with very low loss and block the reversed light. It features low insertion loss and high isolation. It can be used in lasers, telecom, sensors, instruments, testing systems and R&D.

### Specification

Parameter	Test Condition	Unit	Value
Port Configuration	-	-	1x1
Nominal Center Wavelength	Port 1 to Port 2	nm	633, 780, 850 or Specify
Operating Wavelength Range	Port 1 to Port 2	nm	+/-30
Max. Insertion Loss	Port 1 to Port 2	dB	1.5, Typ. 1.2
Min. Isolation	Port 2 to Port 1	dB	18, Typ. 22
Min. Return Loss	-	dB	30
Max. Power Handling Rate	CW, Total Power	mW	300 or Specify
Fiber Type	-	-	Multimode Fiber
Max. Fiber Tensile Load	-	N	5
Operating Temperature	-	°C	-5 to 70
Storage Temperature	-	°C	-40 to 85

Above values are for device without connectors. For device with connectors, IL will be 0.3dB higher, return loss will be 20dB lower.

### Package Dimensions

Detailed Informations and Dimensions Please Contact Us. Customized Design Is Available Upon Request.

### Ordering Informations

MMI-①-②-③-④-⑤

① - Center Wavelength

63 - 633nm

78 - 780nm

85 - 850nm

SS - Specify

② - Output Fiber

1 - GI MMF 50/125, NA 0.22

2 - GI MMF 62.5/125, NA 0.27

3 - SI MMF 105/125, NA 0.15

4 - SI MMF 105/125, NA 0.22

S - Specify

③ - Connector Type on port 1/2

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

④ - Fiber Jacket on Port 1/2

B - Bare Fiber

L - 900um Loose Tube

⑤ - Fiber Length

0.8 - 0.8m