

Product: Isolator

Part Number	Spec Number	Version	Date
SISOXXXXXXXXXX	S127	Rev 01	12/27/2023

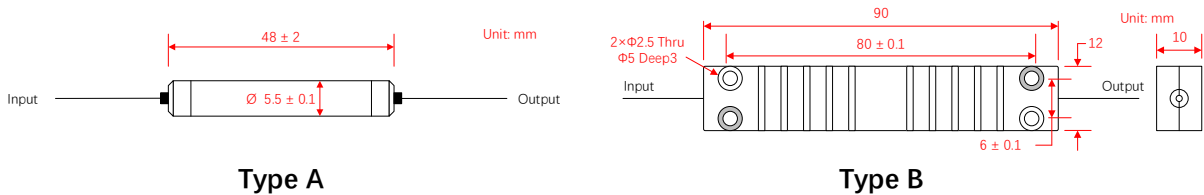
1 Specifications

Item	Parameters	Symbol	Single Stage		Dual Stage		Units	Note
1.	Center Wavelength	λ_c	1030	1064	1030	1064	nm	
2.	Typ. Insertion Loss, λ_c nm, 23 °C	IL	3	1.7	4.6	2.7	dB	
3.	Max. Insertion Loss, λ_c nm	IL	3.6	2	7.4	3.4	dB	
4.	Typ. Peak Isolation	ISO	23	28	40	45	dB	
5.	Min. Isolation, λ_c , 23 °C	ISO	20	25	35	36	dB	
6.	Max. Polarization Dependent Loss, 23 °C	PDL	0.15				dB	
7.	Min. Return Loss(Input/Output)	RL	55/50				dB	
8.	Max. Optical Power	Pop	50	300	50	300	mW	
9.	Max. Peak Power for ns Pulse	Pp	50				kW	
10.	Fiber Type		LMA-GDF-25/250-M or Specify					
11.	Operating Temperature	Top	-5 to 50				°C	
12.	Storage Temperature	Tstor	-40 to 85				°C	

Note:

* IL is 0.3 dB higher, RL is 5 dB lower and Optical Power is 1 W only for each connector added.

2 Drawings



3 Device Label, Delivery Data, RoHS Requirement

Triple-Stone standard format. RoHS compliant.

4 Order Information

SISO-1-2-3-4-5-6-7-8-9

1.	Stage	1 - Single stage, 2 - Dual stage
2.	Wavelength	03 - 1030 nm, 06 - 1064 nm, SS - Specify
3.	Fiber Type for Input	1 - LMA-GDF-25/250-M, S - Specify
4.	Fiber Type for Output	1 - LMA-GDF-25/250-M, S - Specify
5.	Fiber Length	1 - 1.0 m, S - Specify
6.	Jacket Type	B - Bare fiber, L - 900 μ m loose tube, S - Specify
7.	Connector Type	1 - FC/UPC, 2 - FC/APC, N - None, S - Specify
8.	Package Type	A - Type A, B - Type B
9.	Power Type	C - Continuous Wave, P - Pulse Application