

Product: High Power Polarization Insensitive Isolator

Part Number	Spec Number	Version	Date
HISOXXXXXXXXXX	S745	Rev 01	08/08/2025

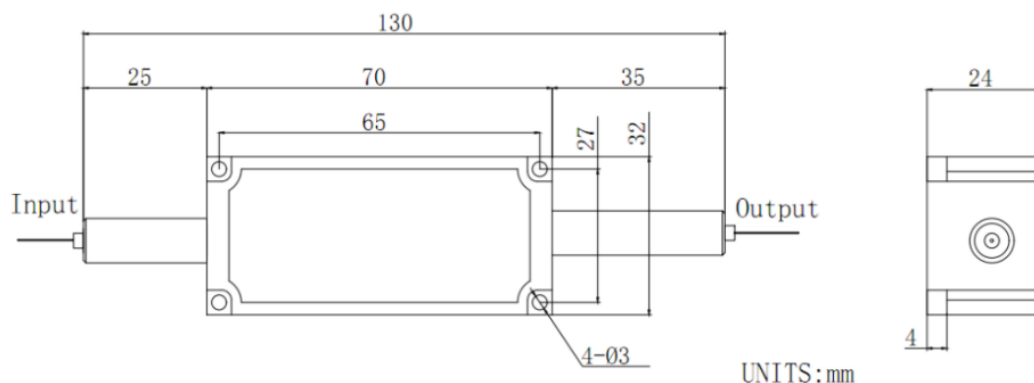
1 Specifications

Item	Parameters	Symbol	Value	Units	Note
1.	Center Wavelength (λ_c)	λ_c	1030 or 1064 or Specify	nm	
2.	Operating Wavelength Range	λ_{op}	$\lambda_c \pm 10$	nm	
3.	Max. Insertion Loss, 23 °C	IL	0.8	dB	
4.	Min. Isolation, λ_c , 23 °C	IS	26	dB	
5.	Max. Polarization Dependent Loss, 23 °C	PDL	0.2	dB	
6.	Min. Return Loss	RL	50	dB	
7.	Max. Optical Power	Pop	35	W	
8.	Max. Peak Power for ns Pulse	Pp	10	kW	
9.	Fiber Type		HI1060 or Specify		
10.	Operating Temperature	Top	10 to 50	°C	
11.	Storage Temperature	Tstor	0 to 60	°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

HISO-1-2-3-4-5-6-7-8

1.	Wavelength	03 - 1030 nm, 06 - 1064 nm, SS - Specify
2.	Handling Power	20 - 20 W, 30 - 30 W, SS - Specify
3.	Fiber Type for Input	1 - HI1060, 2 - FUD-3584, 3 - BrightCore 10/125-DCF-DZ023-NA0.075, 4 - LMA-GDF-10/125-M, 5 - LMA-GDF-15/130, 6 - LMA-GDF-20/130, 7 - LMA-GDF-20/400-M, 8 - LMA-GDF-25/250-M, 9 - LMA-GDF-30/250-M, S - Specify
4.	Fiber Type for Output	1 - HI1060, 2 - FUD-3584, 3 - BrightCore 10/125-DCF-DZ023-NA0.075, 4 - LMA-GDF-10/125-M, 5 - LMA-GDF-15/130, 6 - LMA-GDF-20/130, 7 - LMA-GDF-20/400-M, 8 - LMA-GDF-25/250-M, 9 - LMA-GDF-30/250-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.	Power Type	C - Continuous Wave, P - Pulse Application