

Variable Optical Delay Line Spec

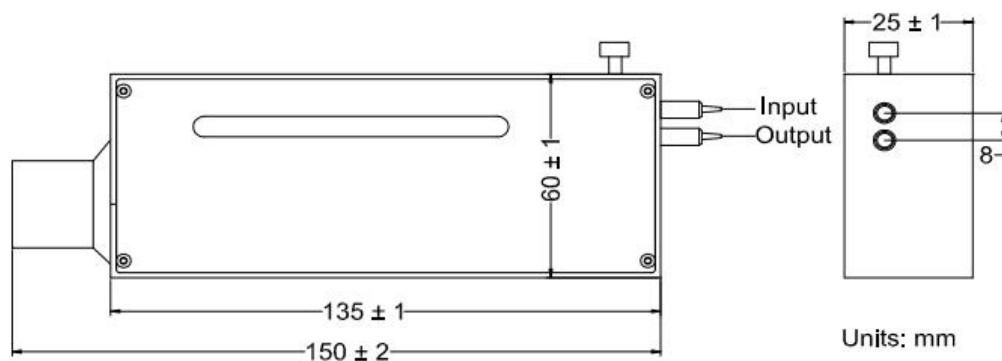
Customer PN	Product PN	Description
		1060, 1550nm, variable optical delay line

Performance Specifications

Parameters	Unit	Specifications
Center Wavelength	nm	1060, 1550
Operating Wavelength	nm	$\lambda_c \pm 50$
Optical Delay Range	ps	0 - 500 ps Continuous
Zero Point Delay Offset	ps	~440
Readout Scale Resolution	mm	0.02
Insertion Loss ¹	dB	≤1.2
Insertion Loss Variation	dB	≤0.5
Extinction Ratio (for PM Type)	dB	≥18
PDL	dB	≤0.1
Return Loss	dB	≥50
Electrical Interface	-	2 - Phase Stepper Motor Drive Signal 2 Sensor Connections
Package dimensions	mm	60 x150x 23
Fiber Type	-	SM or PM Panda fiber
Fiber Length	mm	1000(+100/-0)
Max Optical Power	mW	300
Operating Temperature	℃	0~+40
Storage Temperature	℃	-20~+60
Connector Type	-	N/A
Connector key aligned	-	N/A
Working shaft	-	N/A
Key angle to PM axis	degree	N/A

*Notes: 1. Insertion Loss tested without connector.

Dimensions



Test Report

The test report should be provided when the products are delivered. Following characteristic test data should be included:

- Insertion Loss (Room temperature)

Hirundo Optics Inc

Factory: 2nd Floor, Building 6, #16 Xinfa Road, Southern Cable Industrial Park, Rongli Ronggui Street, Shunde District, Foshan city, Guangdong 528305 China
 Tel: 0757-26619220 Email: info@hirundo-link.com Website: <https://www.hirundo-link.com/>

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- ER(Room temperature)
- Fiber Length, fiber Type, pigtail
- PN, SN

Packing

Following items should be indicated on the outer packaging surface:

- Product Name
- Product Number
- Serial Number

RoHS compliant

RoHS's 10ea of harmful substance

Revision History

Revision	Notes	Authors	Checked	Approval	Date
Rev A0	New release	Virgil			2024-4-8