

Motorized Variable Optical Delay Line Spec

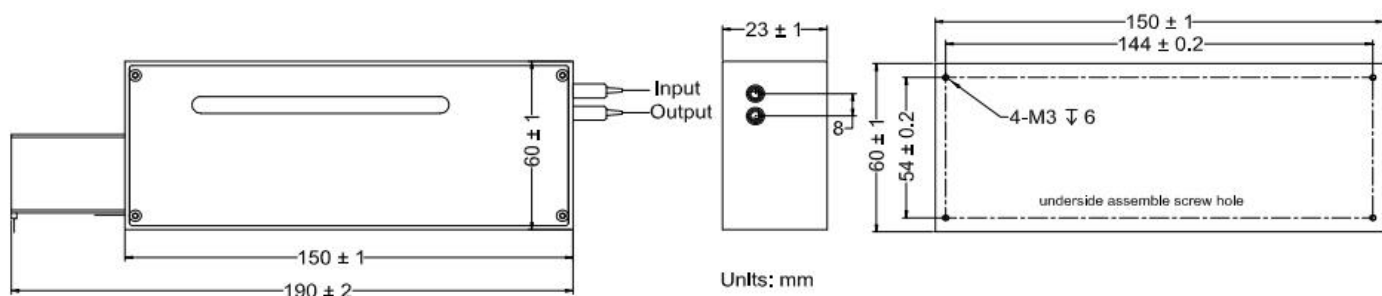
Customer PN	Product PN	Description
		1060, 1550nm, Motorized optical delay line, SM fiber, 60 x150x 23mm

Performance Specifications

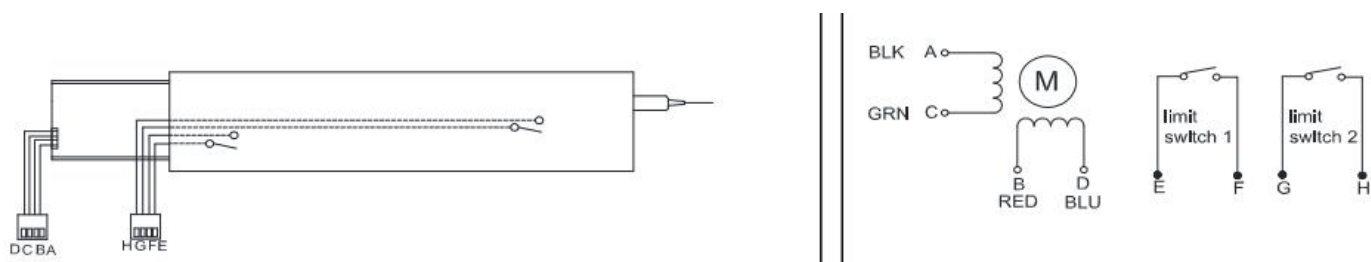
Parameters	Unit	Specifications
Center Wavelength	nm	1060, 1550
Operating Wavelength	nm	$\lambda_c \pm 40$
Optical Delay Range	ps	0 - 500 ps Continuous
Zero Point Delay Offset	ps	~440
Optical Delay Resolution	-	10 μ m or 34 fs per Encoder Count
Insertion Loss ¹	dB	≤ 1.2
Insertion Loss Variation	dB	≤ 0.5
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	°C	0~+40
Storage Temperature	°C	-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



Electrical Interface



Hirundo Optics Inc

Factory: 2nd Floor, Building 6, #16 Xinfu 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/>

Motorized Variable Optical Delay Line Spec

Test Report

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

- Insertion Loss (Room temperature)
- 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