

810 nm Variable Optical Delay Line

Model #: VODL

Description: 810 nm Variable Optical Delay Line

Application: Test equipment, OCT, precision optical path length matching or timing alignment

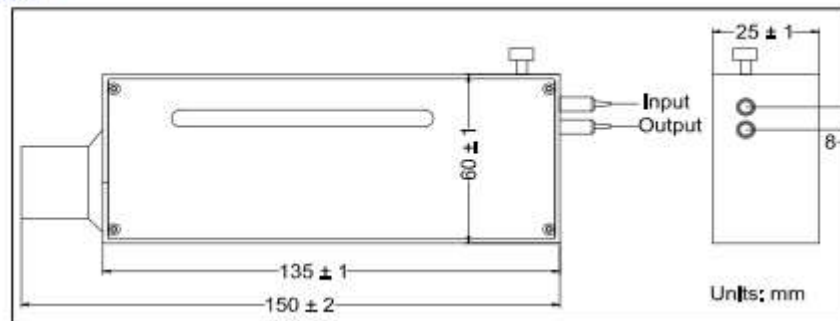
Specifications:

Parameter	Unit	Specifications
Operating Wavelength	nm	810 ± 50
Optical Delay Range	ps	0 – 500 ps continuous
Zero Point Delay Offset**	ps	~ 440
Readout Scale Resolution	mm	0.02
Max. Insertion Loss	dB	1.5
Max. Insertion Loss Variation	dB	0.7
Min. Extinction Ratio (for PM version)	dB	20
Min. Return Loss	dB	50
Max. Polarization Dependent Loss (for non PM version)	dB	0.1
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Operating Temperature	°C	0 to +40
Storage Temperature	°C	-40 to + 60
Dimension	mm	5.5 (D) x 40 (L)
Fiber Type		Single or PM Panda fiber

Note: each connector may contribute extra 0.7 dB IL, 5 dB lower RL, 2dB lower polarization extinction ratio.

**Absolute delay at 0 ps setting measured to the edge of the enclosure (excluding caps, boots and pigtails).

Package Dimensions



Ordering Information:

Single Stage: VODL-AAA-BBB-C-D-E-F-G-H

AAA: wavelength	BB : delay range	C: attenuator	D: connector type	E: fiber jacket	F: fiber length	G: fiber type
810 - 810 nm	500 – 500 ps	A - attenuator	1 - FC/UPC	B - 250µm Panda fiber	1 – 1.0 m	S – HI780C fiber
	XX - other	N - none	2 - FC/APC	L - 900 µm loss tube	X - other	P – PM 850 Panda fiber
			3 - SC/UPC	C – 3 mm cable		
			4 - SC/APC	X - other		
			N - none			
			X - other			