

630 nm Variable Optical Delay Line

Model #: VODL

Description: Variable Optical Delay Line provides precision optical path variation of more than 9 cm (300 ps). It is compact and rugged.

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

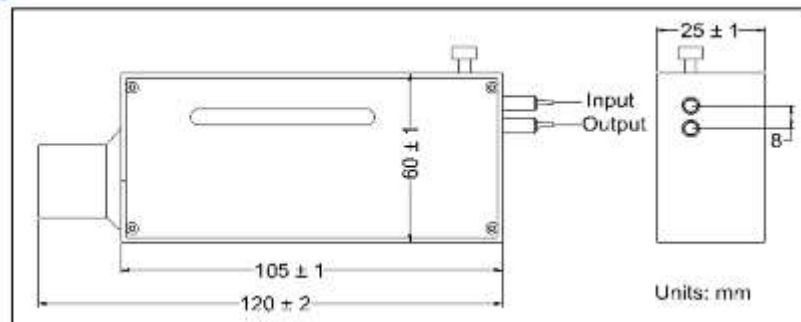
Specifications:

Parameter	Unit	Specifications
Operating Wavelength	nm	632 ± 20
Optical Delay Range	ps	0 – 300 ps continuous
Readout Scale Resolution	mm	0.05
Zero Point Delay Offset**	ps	~ 440
Max. Insertion Loss	dB	1.2
Max. Insertion Loss Variation	dB	0.5
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 mode fiber or PM Panda fiber

Note: each connector may contribute extra 0.5 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, booth and pigtails)

Package Dimensions



Ordering Information: VODL-AAA-BBB-C-D-E-F-G

AAA: wavelength	BBB : delay range	C: attenuator	D: connector type	E: fiber jacket	F: fiber length	G: fiber type
632 - 632 nm	300 – 300 ps	A - attenuator	1 - FC/UPC	B - 250µm Panda fiber	1 – 1.0 m	S – SM fiber
XXX - other	XXX - other	N - none	2 - FC/APC	L - 900 µm loss tube	X - other	P – PM fiber
			3 - SC/UPC	C – 3 mm cable		
			4 - SC/APC	X - other		
			N - none			
			X - other			