HJ OPTRONICS

4055 Filan Way
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United States

1060 or 1550 nm Variable Optical Delay Line

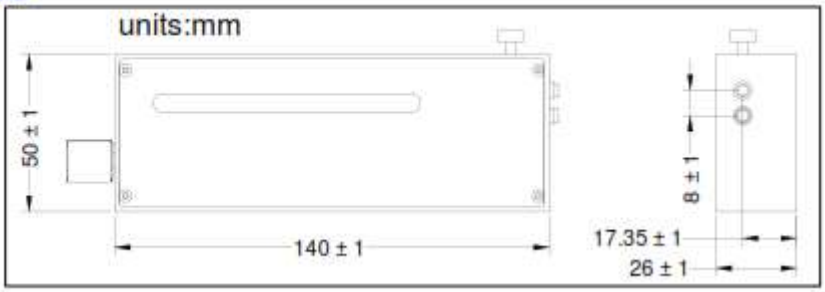
Model #: VODL
Description: 1060 or 1550 nm Variable Optical Delay Line
Application: Test equipment, OCT, precision optical path length matching or timing alignment

Specifications:

Parameter	Unit	Specifications
Operating Wavelength	nm	1060 ± 50, 1310 ± 50 or 1550 ± 50
Optical Delay Range	ps	0 – 500 ps continuous
Readout Scale Resolution	mm	0.02
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
Fiber Type		SMF-28 fiber or HI 1060 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-AAAA-BB-C-D-E-F-G

AA: wavelength	BB : delay range	C: attenuator	D: connector type	E: fiber jacket	F: fiber length	G: fiber type
1064 - 1060 nm	500 – 500 ps	A - attenuator	1 - FC/UPC	B - 250µm Panda fiber	1 – 1.0 m	S – SM fiber
1550 – 1550 nm	XX - other	N - none	2 - FC/APC	L - 900 µm loss tube	X - other	P – PM fiber
1310 – 1310 nm			3 - SC/UPC	C – 3 mm cable		
XX - other			4 - SC/APC	X - other		
			N - none			
			X - other			