

NORTH PHOTONICS

[OEVDL-300]

Variable Optical Delay Line

Features:

- Up to 1300 ps delay
- Compact size
- Low PDL
- Low insertion loss variation
- SM or PM fiber output
- Electrical/manual versions

Applications:

- Optical time domain effect measurement
- PMD compensation experiment
- Time division multiplexing
- Fiber interferometry
- Optical signal processing
- Signal synchronization
- Network equipment
- Lab testing



OEVDL-300, Manual version

Product description:

The variable optical delay line is designed for controlling the optical path delay precisely. This device is based on our unique optical alignment technology. Variable delay line provides up to 50, 100, 200 and 400 mm air-path variation, corresponding to optical delays of up to 165, 330, 660, and 1300 ps, respectively. Both electrical and manual versions are available. This product is an ideal solution for network equipment, test instrument and lab testing applications.

Parameter	Unit	OEVDL-300
Center wavelength	nm	600-1600
Bandwidth range	nm	100
Delay range	ps	Up to 1300
Insertion loss	dB	< 3
Return loss	dB	>50
Power handling	mW	500
Fiber type	-	SM, PM
Dimensions	mm	200 x 80 x 40
Operating temperature	°C	+10 - +50
Storage temperature	°C	-30 - +70

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Ordering number:

OEVDL-300-WL-DR-FT-Type:	WL	DR	FT	Type
	Wavelength (nm)	Delay range (ps)	Fiber Type SM, PM	E: electrical M: manual
Example:	OEVDL-300-1550-660-SM-E			