

# Programmable Optical Delay Line

ADL-200

- 2.5ns: the largest tunable optical delay on the market
- Front-panel and remote access for easy operation



1550nm	Other Wavelengths	Max. Delay 2.5ns	Low-Loss	Remote
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## Specifications

	1.25 ns	2.5 ns	unit
Wavelength range <sup>1</sup>	1520 ~ 1640		nm
Insertion loss	< 1.5	< 3.0	dB
Insertion loss variation	< 0.5		dB
Delay resolution	< 15	< 30	fs
Delay accuracy	< 45	< 90	fs
Return loss	> 40		dB
Polarization extinction ratio (PER) <sup>2</sup>	> 18		dB
Optical fiber	SMF or PMF		
Optical connector	FC or SC, SPC or APC		
PC interface	USB, GPIB		
Power supply	AC 100-240 (50 / 60 Hz)		V
Dimension (W x H x D)	236 x 88 x 420		mm
Weight	10		kg

1. Please enquire for operation at other wavelengths, within approx. 100nm bandwidths, between 800 - 1700 nm.  
 2. For PM type only.  
 The above specifications may change without prior notice.

## Ordering Information

ADL - 200 - [ ] - [ ] - [ ]

Delay Range	Fiber Type	Connector Type
12 : 1.25ns	SM : SMF	FS : FC/SPC
25 : 2.5ns	PM : PMF	FA : FC/APC
		SS : SC/SPC
		SA : SC/APC

# Modular Lightwave Controller

MLC Series

- High-precision polarization controller
- Modular configuration: free combination of polarizers, wave-plates



1310nm	1550nm	Modular	Free Combination	Low-Loss
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## Specifications

	Parameter	min.	typ.	max.	unit
Collimator frame	Insertion loss <sup>1</sup>			0.8	dB
	Return loss	50			dB
	Optical fiber	SMF or PMF			
	Optical connector	FC or SC, SPC or APC			
	Dimension (W x H x D)	83 x 35 x 32			mm
Half-wave plate,	Insertion loss		0.1		dB
Quarter-wave plate	Loss variation		0.1		dB
Polarizer	Excess loss		0.1		dB
	Extinction ratio		35		dB

1. Not including connector loss.  
 The above specifications may change without prior notice.

## Ordering Information

MLC - [ ] - [ ] - [ ] - [ ]

Wavelength	Cartridge	Fiber Type	Connector Type
15 : 1550nm	P : Polarizer	SM : SMF	FS : FC/SPC
13 : 1310nm	Q : 1/4-Wave Plate	PM : PMF	FA : FC/APC
	H : 1/2-Wave Plate		SS : SC/SPC
	D : Dummy cover		SA : SC/APC
	N : N/A		

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