

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
--------	-------------------	------------------	----------	--------

Specifications

	1.25 ns	2.5 ns	unit
Wavelength range ¹	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) ²	> 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
--------	--------	---------	------------------	----------

Specifications

	Parameter	min.	typ.	max.	unit
Collimator frame	Insertion loss ¹			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		

※Choose 3