

Programmable Optical Delay Line

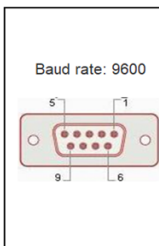
EDL-10/13/15-032/068/150-SM/PM-1-XX-AG012

- Large delay to length ratio
- Long delay: more than 1500ps
- <0.2ps delay tuning resolution

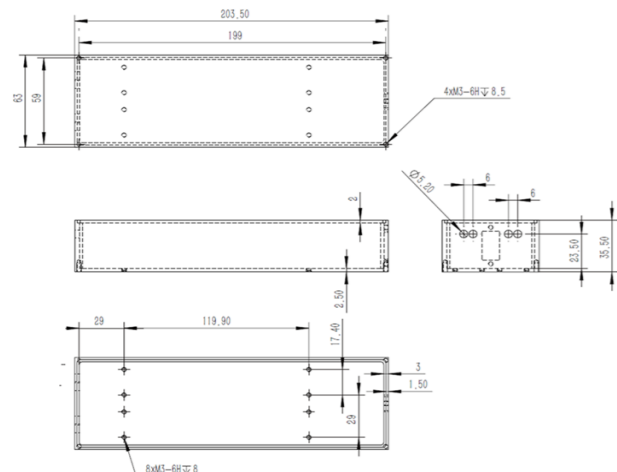


Specifications

Parameter	Min.	Typ.	Max.	Unit
Model	EDL-10/13/15-032/068/150-SM/PM-1-XX-AG012			
Optical Characteristics	Operation wavelength	10: 980~1100 13: 1260~1360 15: 1360-1620 Customizable 850, 1650, 2000		nm
		Model 032: 0-320 Model 068: 0-680 Model 150: 0-1500		ps
		0.1	0.2	ps
		2 ~ 10		s
	Delay tuning resolution	Typ. 1.0, Max 1.5 (0-1500ps loss <1.8)		dB
	Insertion loss variation	±0.30dB over entire range for 0-32ps model		
		±0.60dB over entire range for 0-680ps model		
		±1.2dB over entire range for 0-1500ps model		
	Input/Output Fiber	SM Type: Corning SMF-28 or PM Type: Fujikura PM Panda Pigtail ϕ 900um, 1m		
	Input/Output Fiber Connector	FS, SS, FA, SA		
	Return loss	> 55		dB
	Polarization Extinction ratio (for PM Type)	>18		dB
	Transmission optical power	Max. 500 Customized to 5W or 10W		mW
PC Interface	Remote Control	RS232 Female Baud rate: 9600		
	Operating Temperature	10 ~ +40		°C
Recommended Operating Conditions	Storage Temperature	-20 ~ +60		°C
Physical	Dimensions	Model 032: 149 x 33 x 36 Model 068: 203.5 x 33 x 36 Model 150: TBD		mm

 Baud rate: 9600	Pin number	Pin name	Pin function
	2	TX_RS232	Transmit Data
	3	RX_RS232	Receive Data
	5	RS232 GND	Communication GND
	8	+5V, 2A	DC Power Supply
	9	GND	Power Supply GND
	1, 4, 6, 7	N/C	NA

Remote Interface



Dimension model 068

Ordering Information

EDL-10/13/15-032/068/150-SM/PM-1-XX-AG012

10: 1064nm, 13: 1310nm, 15: 1550nm

032/068/150: 320ps, 680ps, 1500ps; 1: 1.0m

XX: FS(FC/SPC), SS(SC/SPC), FA(FC/APC), SA(SC/APC)