

Manual Type Adjustable Optical Delay Line

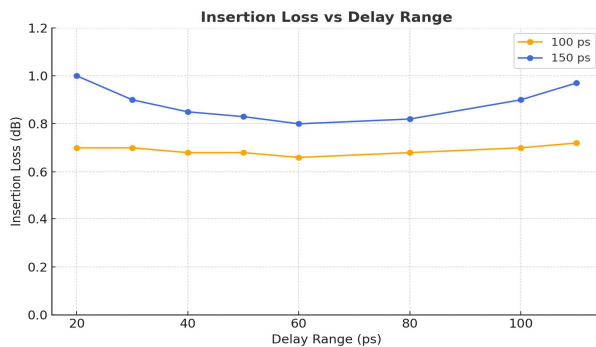
MDL-10/13/15-032/068/150-SM/PM-1-XX-AG009

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

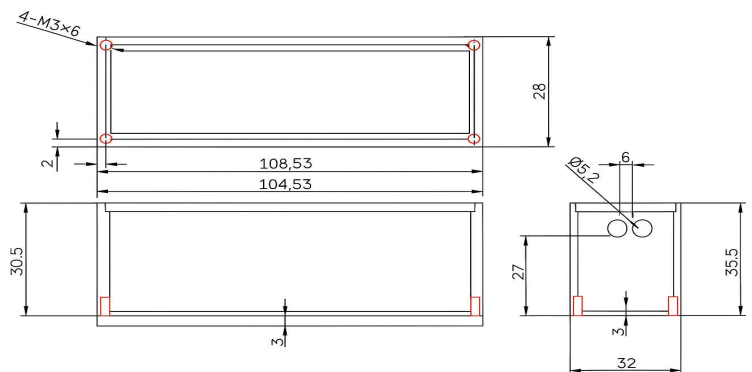


Specifications

Parameter		Min.	Typ.	Max.	Unit			
Model	MDL-10/13/15-032/068/150-SM/PM-1-XX-AG009							
Optical Characteristics	Operation wavelength		10: 980~1100 13: 1260~1360 15: 1360-1620 Customizable 850,1650, 2000		nm			
		Optical delay range		Model 032: 0-320 Model 068: 0-680 Model 150: 0-1500		ps		
			Delay tuning resolution	0.2			0.5	ps
			Insertion loss	Typ.1.0, Max 1.5 (0-1500ps loss <1.8)			dB	
	Insertion loss variation	±0.30dB over entire range for 0-32ps model						
		±0.50dB over entire range for 0-680ps model						
				±1.5dB over entire range for 0-1500ps model				
	Input/Output Fiber	SM Type: Corning SMF-28 PM Type: Fujikura PM Panda Pigtail ϕ900um, 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		
	Recommended Operating Conditions	Operating Temperature	0 ~ +40				°C	
		Storage Temperature	-20 ~ +55				°C	
	Physical	Dimensions	Model 032: 108 x 32 x 36 Model 068: 168 x 32 x 36 Model 150: 169 x 46 x 36				mm	



Typical Performance Data



Dimension model 032

Ordering Information

MDL-10/13/15-032/068/150-SM/PM-1-XX-AG009

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)