

Specification Review Data Sheet

Spec Review No.: SR2312082A

Date: Dec. 29, 2023

Customer:

Customer P/N:

Description: Mini Variable Optical Delay Line

P/N: MVDL-06-NN-BB-B-0.8

Specifications

Parameters	Unit	Values	
Center Wavelength	nm	630, 850	1064, 1310 or 1550
Operating Wavelength Range	nm	±40	
Optical Delay Range	ps	0 ~ 265	
Readout Scale Resolution	mm	0.5*2	
Max. Insertion Loss @λc	dB	1.5	1.2
Max. Insertion Loss Variation	dB	0.7	0.4
Min. Extinction Ratio (Only for PM Fiber)	dB	18	20
Max. PDL (Only for SM Fiber)	dB	0.15	0.1
Min. Return Loss	dB	50	
Max. Optical Power (CW)	mW	300	
Fiber Type	MVDL	-	SM Fiber
	MPMVDL	-	PM Panda Fiber
Operating Temperature	°C	0 to+40 (No Condensing)	
Storage Temperature	°C	0 to +85 (No Condensing)	

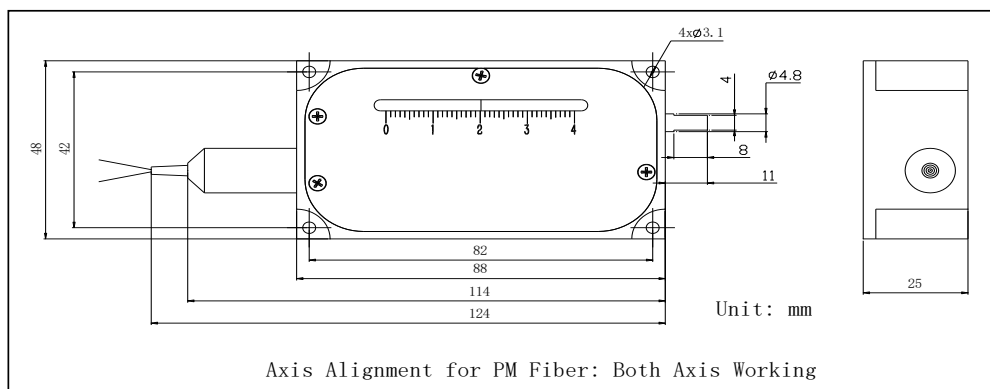
*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher (0.5dB higher for 630~1064nm), ER will be 2dB lower, and RL will be 5dB lower.

*The PM fiber and the connector key are aligned to the slow axis.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

MVDL-①①-②②-③③-④-⑤

MPMVDL-①①-②②-③③-④-⑤

①①: Center Wavelength

63 - 630nm

85 - 850m

06 - 1064nm

31 - 1310m

55 - 1550nm

SS - Specify

②②: Connector Type

1A- FC/UPC

2A - FC/APC

3D - SC/UPC

4D - SC/APC

N - None

S - Specify

③③: Fiber Jacket Type

B - Bare Fiber

C - 900um Losse tube (Red)

F - 900um Losse tube (White)

S - Specify

④: Fiber Type

B - HI 780 Fiber

F - SMF-28e Fiber

H - HI 1060 Fiber

W – Nufern 630-HP Fiber

2A - PM1550 Fiber

3A - PM1310 Fiber

4A - PM980 Fiber

7C - PM630 Fiber

SS - Specify

⑤: Fiber Length

0.8 - 0.8m

S - Specify