

Micro Aspherical Glass Lenses (for V-GROOVE)

Covers needs for high density in V-GROOVE market with its small, space-saving, 1mm diameter.

Aspherical Molded
Glass Lenses
with Metal Holder

Micro Aspherical
Glass Lenses
(for V-GROOVE)

Square
Aspherical
Glass Lenses

Network
Modules



Features

- 1mm diameter micro aspherical glass lens.
- Free from the wave aberration in spherical lenses. High coupling efficiency and high reliability makes this lens ideal for optical communication.
- Mountable to small packages for high-speed laser modules.
- Pb-free glass type equivalent to the conventional shape and specifications are also available in all models.

Applications

- Min-DIL types with a silicon V-GROOVE structure, etc.

Standard Lenses Products List and Specifications

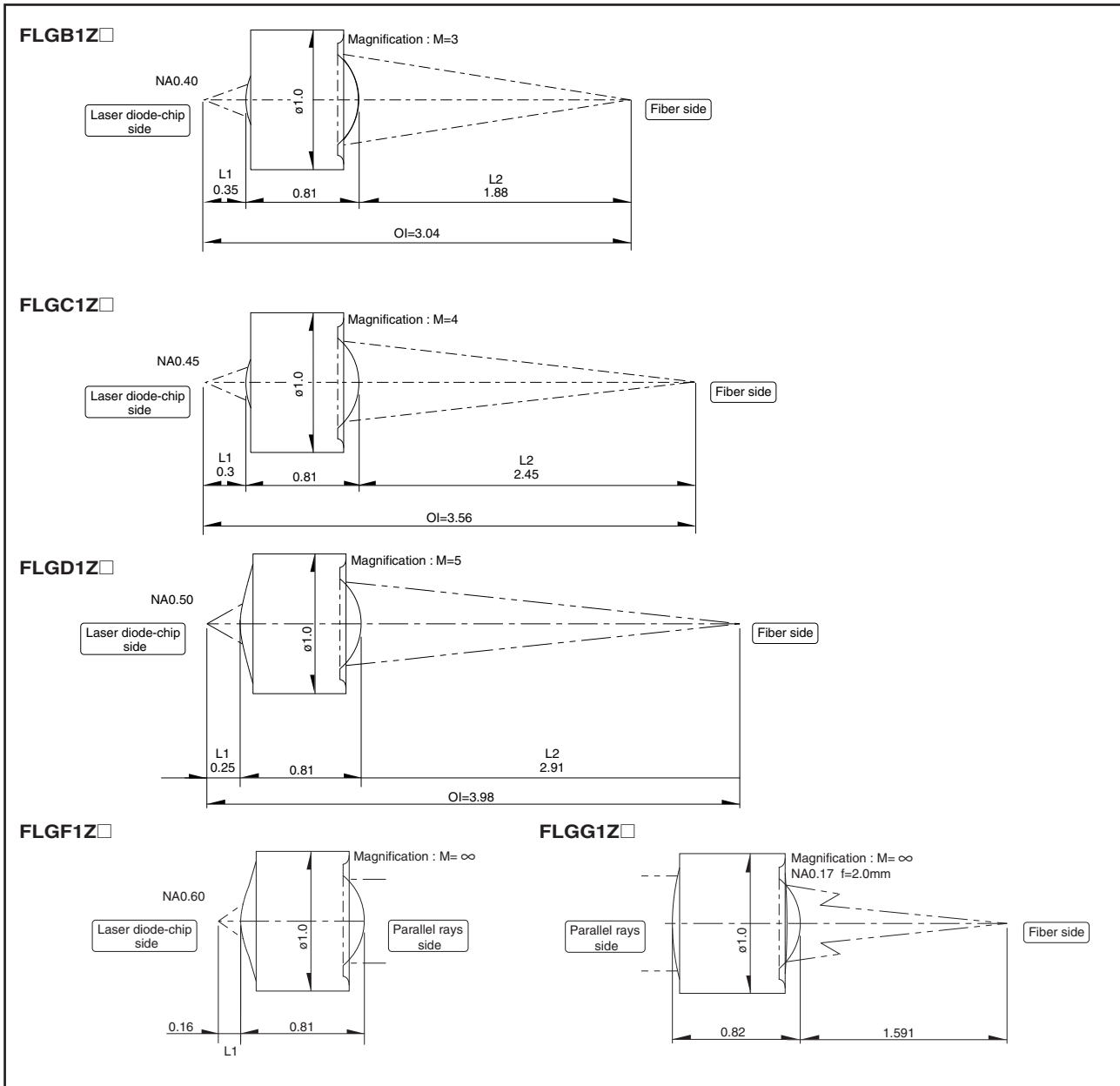
Type	Target device type	Model	Wavelength (nm)		Focal length (※1) [mm]	L1(※1) (WD) [mm]	L2 (※1) [mm]
			1310	1550			
Coupling lenses	Chip type LD	FLGB1Z□	●	●	0.56	0.35	1.88
		FLGC1Z□	●	●		0.30	2.45
		FLGD1Z□	●	●	0.55	0.25	2.91
Collimator lenses	Chip type LD (Two lens system)	FLGF1Z□	●	●	0.50	0.16	-
	Fiber (Fiber collimator lens system)	FLGG1Z□	●	●	2.00	1.591	-

Note

※1 : Optical values are design values of wavelengths highlighted in .

Dimensions

Unit: mm



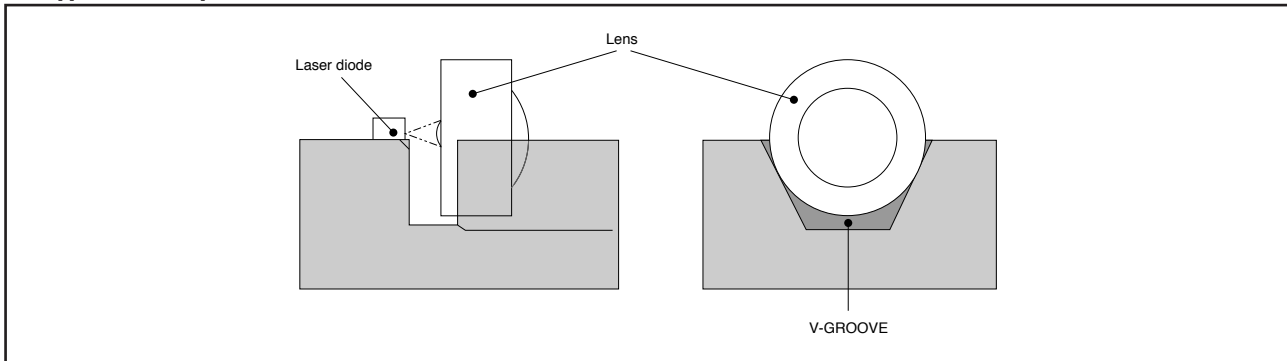
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Typical Example



For terms NA, LD, PD, C/G, CW, lens holder, refer to terminology on P.16