

Fiber Illuminator

Glass fiber

50mm diameter glass fiber for visible light Excellent for high temperature and humidity conditions Also useful as standard visible light source.

Plastic fiber light guide

Fiber light source with good transmission characteristics for visible light (made from poly methyl methacrylate). Excellent as a flexible fiber light source Not recommended for high temperature applications. Price efficient product Highly cost-effective.

Specification

[for FVL series]

Model	SLG-B6 (glass)	SLP-B6 (Plastic)	DLG-B6 (glass)	DLP-B6 (Plastic)
Bundle diameter	φ6			
Outside material	flexible SUS tube			
Minimum curve (R)	R35			
L: Length	1000			
	1500			
	2000			
	3000			

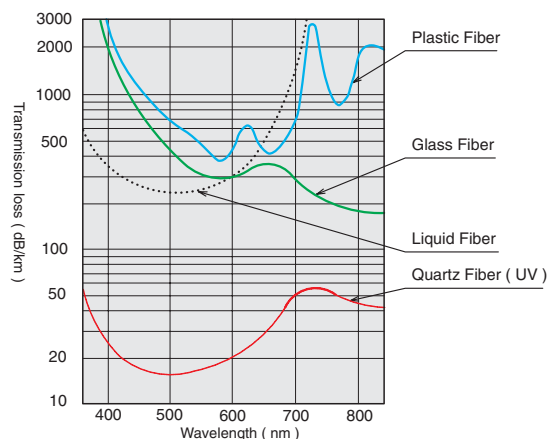
[for zoom series]

Model	SL-B5 Series	SL-B8 Series	SL-B3
Bundle diameter	φ5	φ8	φ3
Outside material	flexible SUS tube		
Minimum curve (R)	R50	R65	R45
L: Length	500	500	—
	750	750	—
	1000	1000	1000
	1500	1500	—
	2000	2000	2000
	3000	3000	3000

Model	DL-B5 (Dual Branch) / DL-B5-SUS	
Bundle diameter	φ5	
Outside material	Flexible SUS tube	Semi lock type
Minimum curve (R)	R50	
L: Length	500	500
	750	750
	1000	—
	1500	—
	2000	—
	3000	—

※ Semi Lock type has accessories parts for the light source that are user-configurable.
 ※ Triple Branch , Quadruple Branch also available .

Fiber light-guide transmission loss characteristics



Transmission curve of light guide

