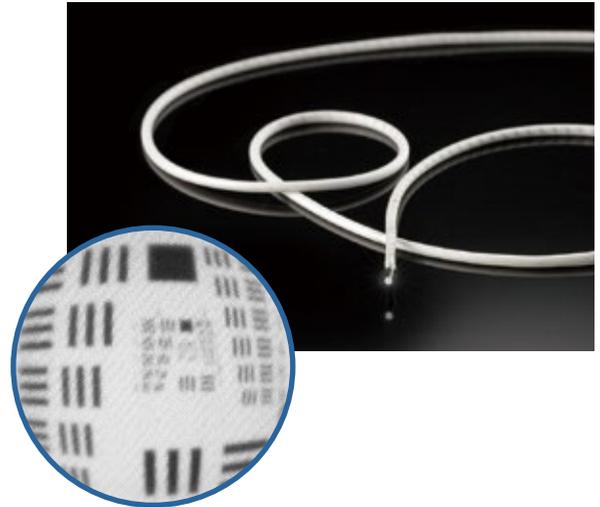


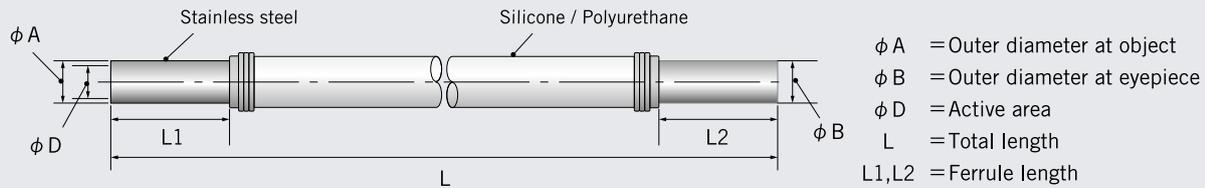
# Image bundle flexible

Leached image guides consisting of flexible and coherent fiber optic bundles are used for transmitting optical images from one end to the other, which are suitable for endoscopes in narrow and elongated spaces.

Fiber optic components consisting of single fiber diameter 4 - 8 microns in bundles of thousands to 16 thousands, all precisely aligned together at both ends. This structure enables transmission of an image to the other end of the bundle. Our image bundles are used for medical and industrial use in the latest products.



Sample image(With objective lens)



- $\phi A$  = Outer diameter at object
- $\phi B$  = Outer diameter at eyepiece
- $\phi D$  = Active area
- L = Total length
- L1,L2 = Ferrule length

An example of model

**056 F 1000 - 4.6**

Outer diameter at eyepiece

Total length

Single fiber diameter



Grade<sup>\*1</sup>



Specifications							
Model	Ferrule		Active area ( $\phi D$ )	Total length (L)	Single fiber diameter	Pixel count	Exterior material
	Objective side	Eyepiece side					
	Outer diameter ( $\phi A$ ) x length (L1)	Outer diameter ( $\phi B$ ) x length (L2)					
	mm						
					$\mu m$	pix	
056F1000-4.6	$\phi 0.56 \times 3.6$	$\phi 0.64 \times 9.5$	$\phi 0.38$	1,000	4.6	8,100	Polyurethane
056F1000-6.9	$\phi 0.56 \times 3.6$	$\phi 0.64 \times 9.5$	$\phi 0.38$	1,000	6.9	3,600	
064F1000-6.4	$\phi 0.64 \times 3.8$	$\phi 0.7 \times 13.0$	$\phi 0.4$	1,000	6.4	5,200	
064F1050-6.4	$\phi 0.64 \times 3.8$	$\phi 0.7 \times 13.0$	$\phi 0.4$	1,050	6.4	5,200	
076F0855-7.2	$\phi 0.76 \times 3.5$	$\phi 1.05 \times 12.0$	$\phi 0.5$	855	7.2	5,200	Silicone
082F1000-7.0	$\phi 0.82 \times 3.5$	$\phi 0.82 \times 3.5$	$\phi 0.5$	1,000	7.0	7,000	
122F0760-7.4	$\phi 1.22 \times 4.0$	$\phi 1.22 \times 11.5$	$\phi 0.89$	760	7.4	16,000	
126F0760-7.4	$\phi 1.26 \times 3.5$	$\phi 2.04 \times 13.2$	$\phi 0.89$	760	7.4	16,000	
14F0545-8.1	$\phi 1.4 \times 3.5$	$\phi 1.4 \times 11.5$	$\phi 1.0$	545	8.1	16,000	

\*1 We distinguish between grades such as ESA and SA based on the number of allowable defects, kindly contact us for the details.

\*2 Customized leached fiber bundles can be available upon request.