

**980nm LD coupling lens (3)**

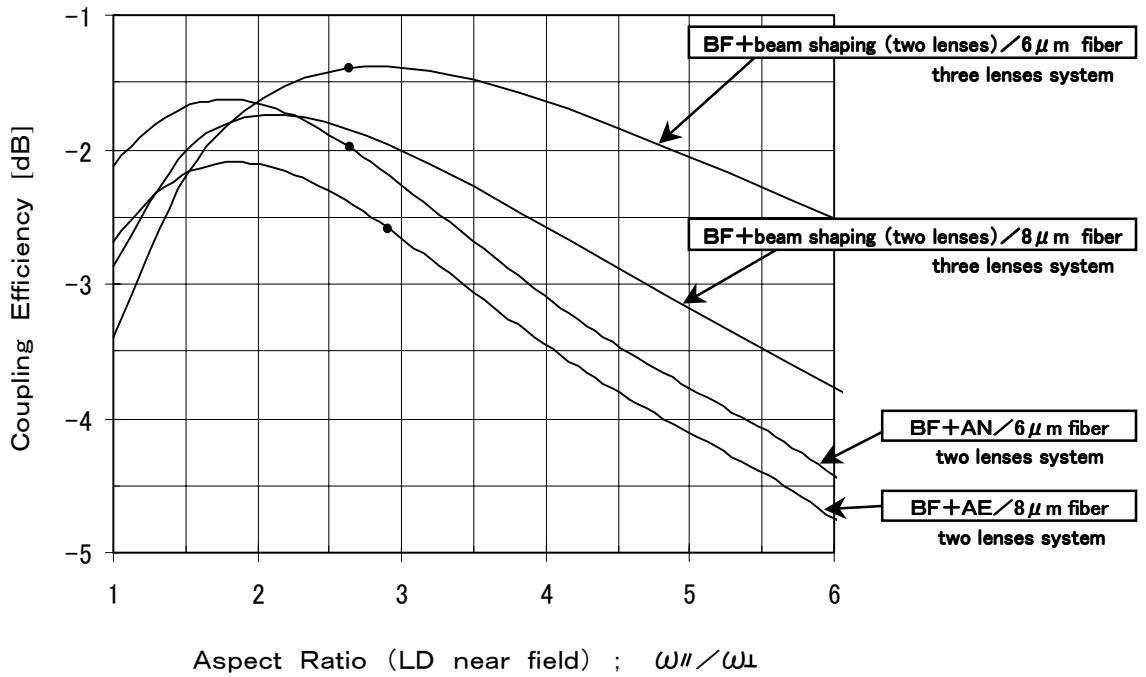
\* Comparison data for two and three lenses system

**Coupling efficiency vs. Aspect ratio**

Divergence :  $\theta_{//} = 10\text{deg}$  (FWHM) at typical

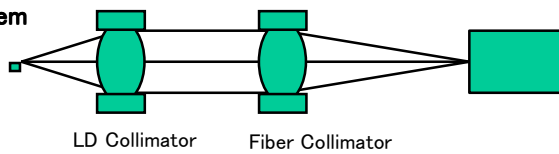
The point ( • ) was measured.

The lines were guessed by calculation.

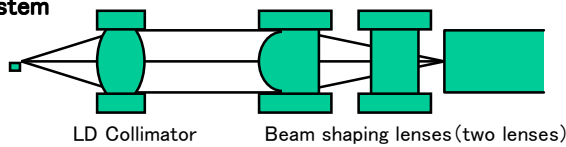


**Outline of Optical system**

**Two lenses system**



**Three lenses system**



**Notes !**

*Beam shaping lens is not in existence.  
These data are only reference.*