

**Cylindrical
Lensed
Fiber**

1. FEATURE

- High Coupling Efficiency
for elliptical FFP

2. APPLICATION

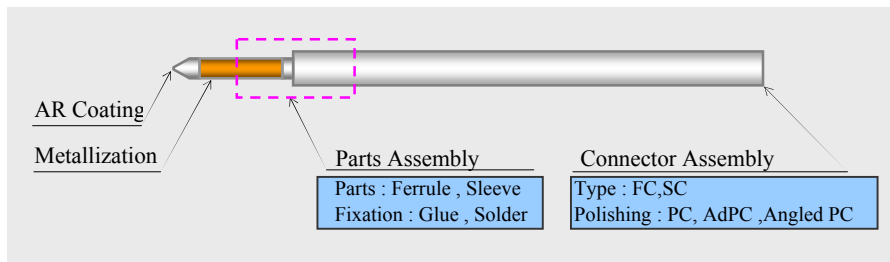
- Assembly for 980nm LD. etc.
- Optical direct coupling to LD
or Wave Guide

3. SPECIFICATION

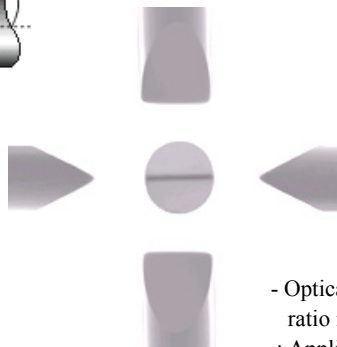
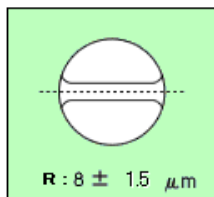
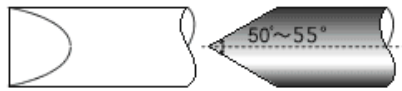
Optical Component	Cylindrical Lensed Fiber (CLF)	unit
Fiber	SMF,MMF,PMF,Speciality Fiber	
Lens Radius R	$4 \leq R \leq 20$	[μm]
Fiber Strip Length Ls	$5 \leq Ls \leq 20$	[mm]
Taper Angle θ	50~140	[deg.]

OPTION

AR Coating	980, 1310 ,1480, 1550 nm Reflectance Max.0.3%
Metallization	Chemical Plating Ni,Au / Physical Sputtering Ti,Pt,Au



4. Cylindrical Lensed Fiber



- Optical direct coupling with LD. aspect ratio is $\geq 3/1$
- : Applied 980nm Pumping LD. etc.
- High Coupling Efficiency