

[OEPAS-FOC-LON]

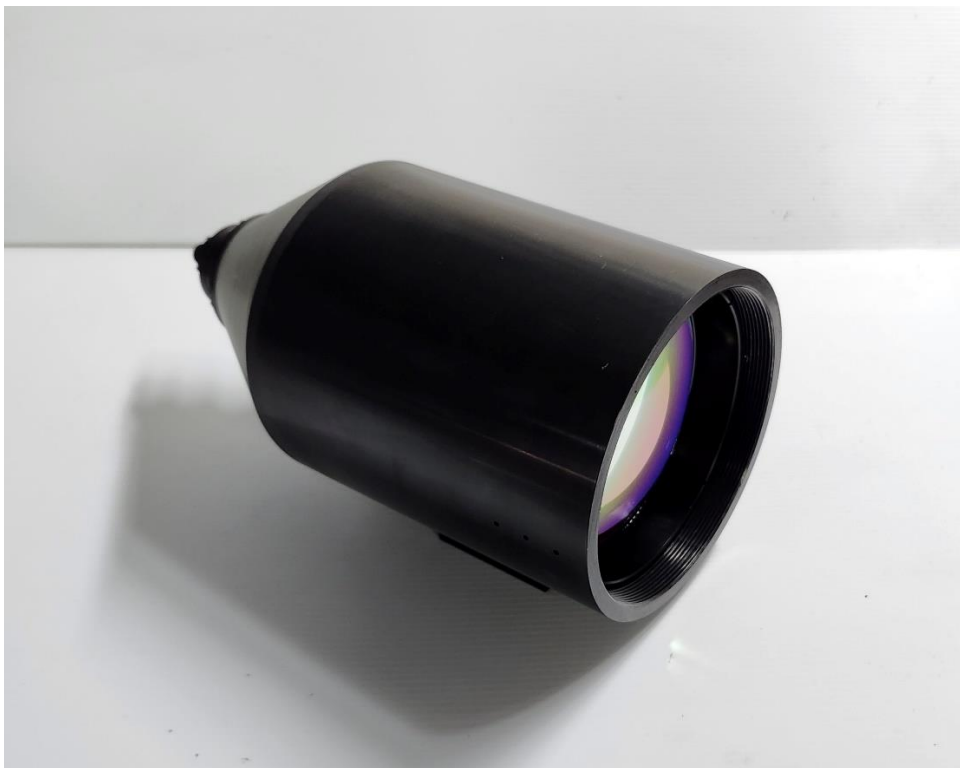
## Long Working Distance Fiber Collimators (Wavelength from 200 to 5000 nm)

### Features:

- Wide wavelength range 200 - 5000 nm
- Standard and custom-made products
- Adjustable output beam size collimator
- Single mode, polarization maintaining fibre, multimode fibre versions
- Fibre pigtailed or receptacle type
- Fixed or adjustable versions
- One fibre, dual fibre versions
- Low insertion loss
- Aspheric lens, GRIN lens and multi-element lens
- House material: stainless steel or aluminium
- Epoxy-Free Optical Path for high power version
- Beam size up more than 100 mm
- Environmentally stable
- Low cost

### Applications:

- Telecommunications
- Fibre optical devices and components
- Lasers and detectors
- Instrumentation
- Biomedical
- Sensor
- Alignment and targeting



### Product description:

The fiber collimator and focuser can be used either to produce a collimated beam from the fiber output, or to receive an already collimated beam and focus the light into a fiber. Both standard and customized collimator products are available, fiber pigtailed or receptacle type. Both fixed and adjustable collimators and focusers can be provided to meet different customer applications.

### Large Beam, Long Working Distance Collimators

Model number	Collimator Size (DxL), mm	Operation Wavelength, nm	Output Beam Size, mm	Working distance, m	Max Optical Power, W
OEPA5 -FOC-LON-801	160 x 250	400-2000	100	1-1000	10

### Notes:

Working distance: custom made  
Fiber type: SM, MM, PM, DCF  
Operation temperature: -20 to 60°C  
Storage temperature: -45 to 85°C  
Output beam size estimated for a single mode fiber with NA=0.12

### Ordering number:

OEPA5-FOC-LON-NNN-WL-WD-P:	
where:	NNN: Model Number WL: Wavelength (nm) WD: Working Distance (mm) P: Power handling (mW)
Example:	OEPA5-FOC-LON-801-407-1060-200-100