

[OEPAS-FOC-MOT]

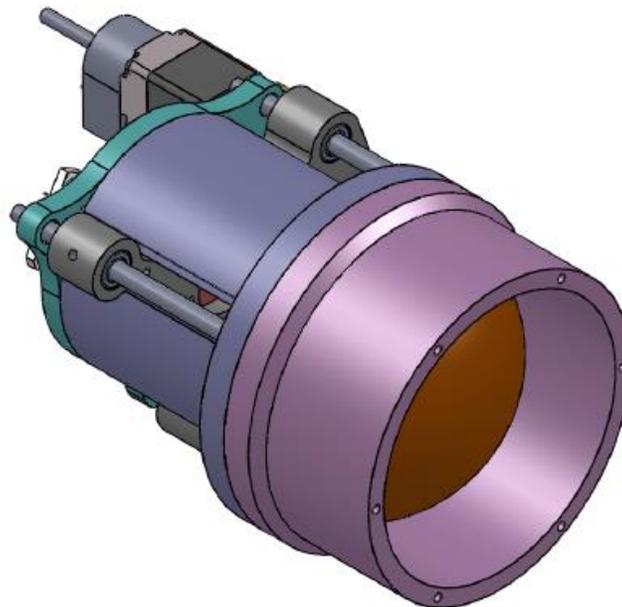
Motorized Fiber Collimators (Wavelength from 400 to 2000 nm)

Features:

- Wide wavelength range 400 - 2000 nm
- Automatic adjustable output beam size
- Automatic adjustable incoming beam size
- Standard and custom-made products
- Single mode, polarization maintaining fibre, multimode fibre versions
- Receptacle type
- Low insertion loss
- Epoxy-Free Optical Path for high power version
- Environmentally stable
- Low cost

Applications:

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



Product description:

The new motorized adjustable collimator from O/E Land is now available.

This motorized fiber collimator/focuser uses a stepper motor with encoder to automatically change the output beam size or the incoming beam size. By adjusting the distance between fiber end and optical lens, the user can modify the output beam size at a certain working distance or the incoming beam size at fiber end. The collimator is receptacle for standard FC fiber connectors.

Custom beam size and moving range motorized collimators and focusers can be provided by request, to meet different customer applications.

Motorized Fiber Optic Collimators

Model number	Collimator Size (DxL), mm	Operation Wavelength, nm	Output Collimated Beam Size, mm	Fiber Adaptor Moving Range, mm	Max Optical Power, mW
OEPA5 -FOC-MOT-901	87 x 120	400-2000	10	45	500

Notes:

Fiber Adaptor Moving range: adjustable
Fiber type: SM, MM, PM
Connectivity: FC receptacle type
Operation temperature: -20 to 60°C
Storage temperature: -45 to 85°C
Output beam size (collimated) with a single mode fiber with NA=0.12

Ordering number:

OEPA5-FOC-MOT-NNN-WL-WD-P:	
where:	NNN: Model Number WL: Wavelength (nm) WD: Working Distance (mm) P: Power handling (mW)
Example:	OEPA5-FOC-MOT-901-407-1060-200-100