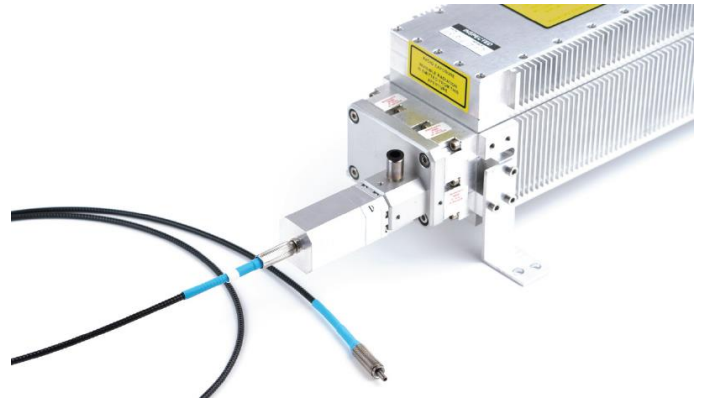


Fiber Coupler for CO & CO₂ Lasers

art photonics offers Fiber Couplers to focus CO₂ and CO laser beam into the fiber optic cables.

The robust and precise design with a **0.2µm** positioning precision simplifies alignment and centering of the lens to the laser beam. ZnSe lens installed in a precision unit, can be optimally positioned in the X-Y-Z planes with adjustable screws to couple the maximum amount of laser power into the optical fiber. AR coating of the lens provides the transmission as high as 98% at 5-6 and 10.6 µm.



Adjustable Focusing Coupler for optical fiber cable can be adapted to custom laser head



Fiber Coupler for CO₂ & CO Lasers

Product specifications	
Coupling Losses	< 0.1dB
Dimensions	see drawing below
Clear Aperture	10mm
Numerical Aperture	<0.1
Max. Laser Beam dia.	8mm
Fiber Optic Interface	SMA 905

