

## LARGE APERTURE FIBER OPTIC ADAPTER



### Features:

- *Accepts large aperture lenses*
- *Rugged, anodized aluminum housing*
- *Single 1/4 - 20" threaded post/tripod mounting hole*
- *Lenses with f/1.8 (0.27 N.A.) closely match fiber N.A.*
- *Four 1/4 - 20" threaded mounting holes*

Our Large Aperture Fiber Optic Focusing Lens Adapter (shown above with C-mount lens attached, not included) is specifically designed for process control applications where a reliable, rugged fiber to adjustable large aperture focus lens system is required to project or capture light.

High quality lenses, such as Nikon's 85 mm f/1.8 lens system, are very achromatic and offer very good transmission characteristics over a 370 nm to 950 nm range. This lens system has a numeric aperture (N.A.) of 0.27, closely matching any optical fibers to maximize light throughput. The adapter housing is constructed of rugged, anodized aluminum and is designed to hold the terminated fiber at the focal point to the mounted lens. The adapter accepts C mount lenses and additional adapters are available to allow the use of many available brands of camera lenses. The lens system focus is accomplished by rotating the lens focusing ring until the desired focus is achieved. The lens is easily mounted onto a fixture or panel via its four 1/4 - 20" threaded holes. A 1/4-20" threaded hole is also available for post or tripod mounting.

### PART NUMBER: SMA-LENS-LAF

Control Development, Inc., reserves the right to change specifications without notice.

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