



## Adiabatic Tapers

To ensure light remains confined within the core/cladding or cladding, adiabatic tapers are produced. AFL offers fiber components for applications including mode field adapting to minimize splice loss; producing combiners to increase the power in a fiber; creating fiber sensors that utilize the interaction of an external material coming near or in contact with the evanescent wave of a severally tapered fiber; tapering of capillary tubes for unique applications.

### Features

- Low Loss
- Tapers up to 130 mm in length
- Linear, Parabolic, sinusoidal tapers
- Unlimited taper ratios
- Tapering large fibers up to 2 mm

### Applications

- Sensing
- Fiber lasers
- Applicable to SM, MM, LMA, PCF and other fiber types