Crystal Fibre • aeroLASE • Koheras • SuperK

## LMA-25

## Single-Mode 25 um Core Fiber

- Low fiber loss from 800 to 1700 nm
- Single-mode at all wavelengths
- Radiation hard pure silica fiber
- High threshold power for nonlinear effects
- Wavelength independent MFD

This single-mode large mode area fiber combines a large effective mode field area ( $\sim 265 \mu \mathrm{~m}^{2}$ ) and low loss to allow high power delivery without nonlinear effects or material damage.

The fiber is endlessly single-mode (i.e. it has no higher order mode cut-off) and delivers excellent mode quality at all wavelengths.


* TIA-455-80-C standard

Please contact us for other custom interfacing options.

Large Mode-area


## Applications

- Single-mode high power delivery
- Multi-wavelength transmission
- Mode filtering
- Single-mode pigtailing
- Short pulse delivery

Typical measured spectral attenuation


Typical measured NA and MFD


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