

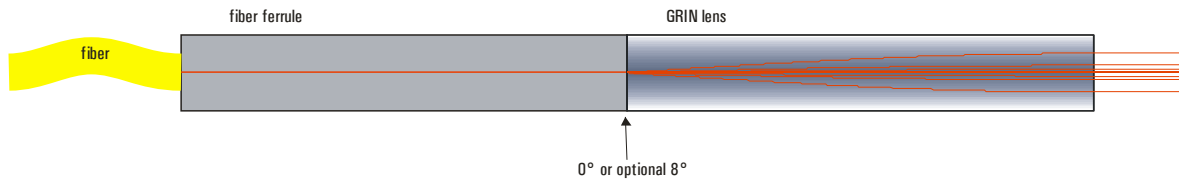
Customized GRIN Fiber Assemblies

GRIN Fiber Pigtails

Applications: fiber optical sensors, biophotonic probes, optical switches, fiber coupling

- Fiber Pigtails using Gradient Index Rod Lenses
- Focussing, collimating and imaging GRIN lenses
- Use of special fibers on request
- AR and beam splitting coatings on request
- 8° angled facet of fiber and optics possible

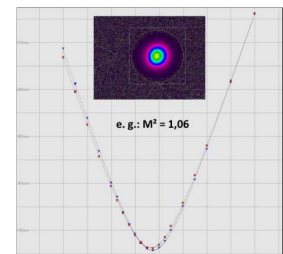
Please ask for customized solutions



GRIN Fiber Collimators

Applications: Fiber coupling, telecom components (e.g. Isolators, Circulators, WDM), Signal processing ...

- High beam quality ($M^2 < 1.1$) on compact size
- Customized beam diameter (waist) and waist position
- Low insertion loss / High return loss due to angled facets or/and AR coatings
- High pointing accuracy and pointing stability
- Active alignment of optical – to mechanical axis (e.g. stainless steel tube) on request

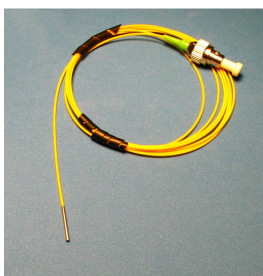
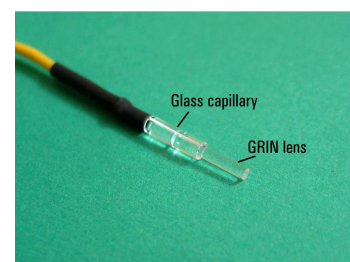


Customized packaging solutions:



- mounted in stainless steel tube
- GRIN lens diameter: 0.5 / 1.0 / 1.8 mm
- Tube diameter: 0.7 / 1.2 / 2.0 mm
- Side opening for prism exit possible

- using glass ferrule and capillary
- GRIN lens diameter: 1.8 mm
- Capillary diameter: 2.8 mm



- using glass ferrule, mounted in stainless steel tube
- GRIN lens diameter: 0.5 / 1.0 / 1.8 mm
- Tube diameter: 0.7 / 1.2 / 2.0 mm

Variations due to modifications of the production process are possible.
It is the user's responsibility to determine suitability for the user's purpose. Please ask for customized solutions.