

HIGH QUALITY SHAPED-END FIBERS

NEW Product Highlights

Semiconductor Laser International Corporation

SLI has started production of optical network lensed fibers. We are creating and selling these fibers with different shapes, according to customers' specifications. These fibers are highly useful for the fiber coupling of high power diode lasers (HPDLs), and also for single mode and multimode applications. They are bare fibers, such as Corning Flexcore™, or any other custom bare fiber. Additionally, SLI is manufacturing cable connectorization of SC, ST, and SMA, for other telecommunications purposes.

Applications:

Telecommunications • CATV • Data Communication • Product Assembly Medical • Dental

Single Mode

Fiber Size	Type	Tolerance	Tip Size
6/125/245	Sharp Conical	$\pm 2 \mu\text{m}$	14 μm
6/125/245	Semi-Conical	$\pm 2 \mu\text{m}$	20 μm
6/125/245	Ball Lens	$\pm 2 \mu\text{m}$	175 μm
6/125/245	45° Angle	$\pm 2^\circ$	125 μm
6/125/245	Double Wedge	$\pm 2^\circ$	125 μm
Connectors	SC, ST & SMA	0.3 dB	Loss

Multimode

Fiber Size	Type	Tolerance	Tip Size
100/140/250	Sharp Conical	$\pm 2 \mu\text{m}$	18 μm
80/125/250	Semi-Conical	$\pm 2 \mu\text{m}$	24 μm
100/140/250	Ball Lens	$\pm 2 \mu\text{m}$	200 μm
100/140 250	45° Angle	$\pm 2^\circ$	140 μm
100/140/250	Double Wedge	$\pm 2^\circ$	140 μm
Connectors	SC, ST & SMA	0.3 dB	Loss

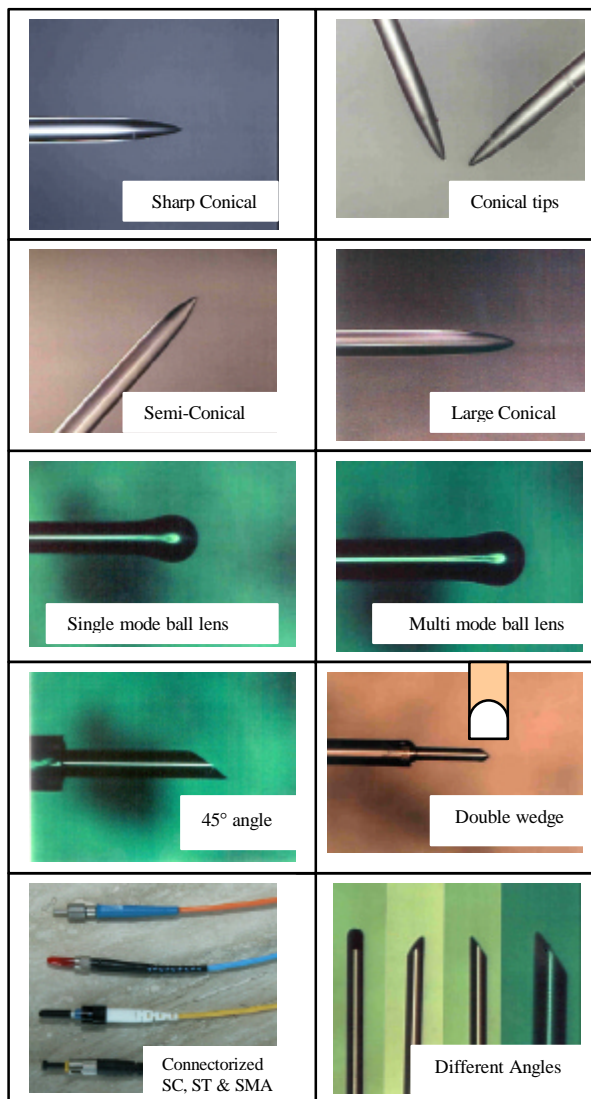


Semiconductor Laser International Corporation
15 Link Drive • Binghamton, NY 13904

For more information:

www.slicorp.com

1-877-Go4-SLIC(464-7542)



If you require any of the above products, or if you are interested in ordering a customized product, then please provide us with the following specifications:

- Shaped-End Tips
- Fiber Size (Core, Clad, Buffer)
- Insertion Loss
- End Finish (Polish, Cleave, Lens)
- Numerical Aperture (NA) of Fiber
- Fiber or Capillary Type
- Overall Assembly Size
- Fiber Anchoring (Epoxy, Bare, or Other)
- Jacket, Buffer, and Strength Member Materials
- Termination Type (SMA, ST, Shaped, or Other)