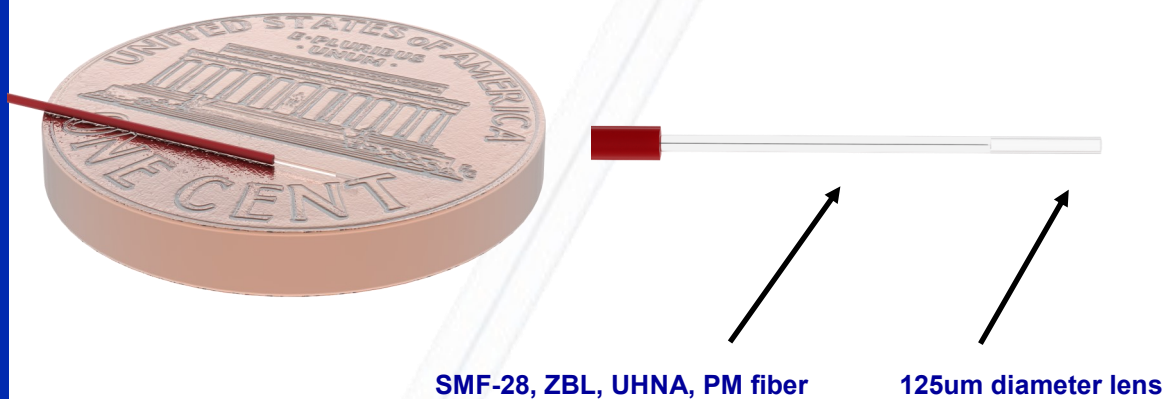




# Micro Lenses

## The World Smallest Collimators



SMF-28, ZBL, UHNA, PM fiber

125um diameter lens

### Description

The smallest collimating and/or focusing approach for single mode fibers.

OFP's micro-collimators are 125 micron in diameter and typically less than 1 mm long, thus enabling seamless integration of most of traditional hardware in the package.

The solution provides a novel replacement for legacy expanded beam technologies, such as GRIN, ball, free-space, and MLA lenses.

### Key Features

- Typical 0.2 dB coupling loss per lens
- Ability to adjust the distance between lenses and optical beam diameter
- Collimating and focusing options
- Low sensitivity to X, Y, and Z movement
- Excellent pointing error precision
- Fits into standard precision ferrules, V-grooves, and MT ferrules



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### Configuration Options

Input fiber—UHNA, SMF-28E+, ZBL, PM

Collimating or focal distance

Custom pigtail length

AR coating option

Insertion loss

Back reflection/return loss

Beam diameter

Integrated into ferrule—LC, FC, MT

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