## **Refocusing Objectives** for Mid-IR Fiber Cables



MID-IR Refocusing Objectives (FORO) are designed to refocus the beam from the IR-fiber or into the fiber. The housing of the objective easily connects to fiber optic cables either with FC/PC or with SMA connectors and enables the alignment of the lens position along the Z-axis.

Mid-IR Refocusing Objectives are available with antireflection (AR) coating for two spectral ranges:

**3-5μm** – for chalcogenide fiber cables.

**8-12µm** – for polycrystalline fiber cables.

We offer two types of MID-IR fiber refocusing objectives with following lens diameters:

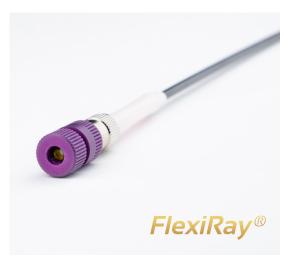
Ø 15mm - FORO-L

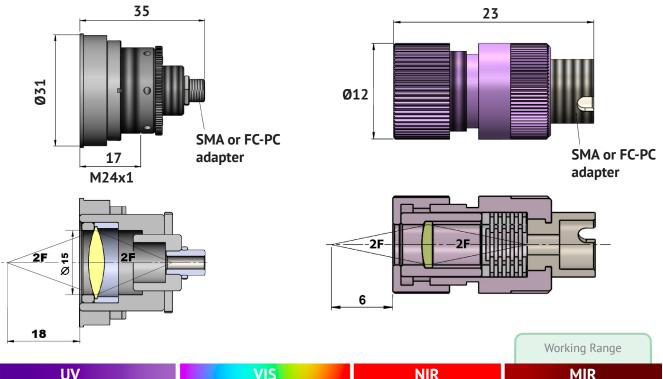
Ø 5mm - FORO-S

## Features:

- Compatible with SMA- or FC-terminated fiber cables
- ✓ Pupil diameter 15mm (FORO-L) or 5 mm (FORO-S)
- ✓ Thread build-in in your optical system
- ✓ Non-Magnetic Aluminium Housing







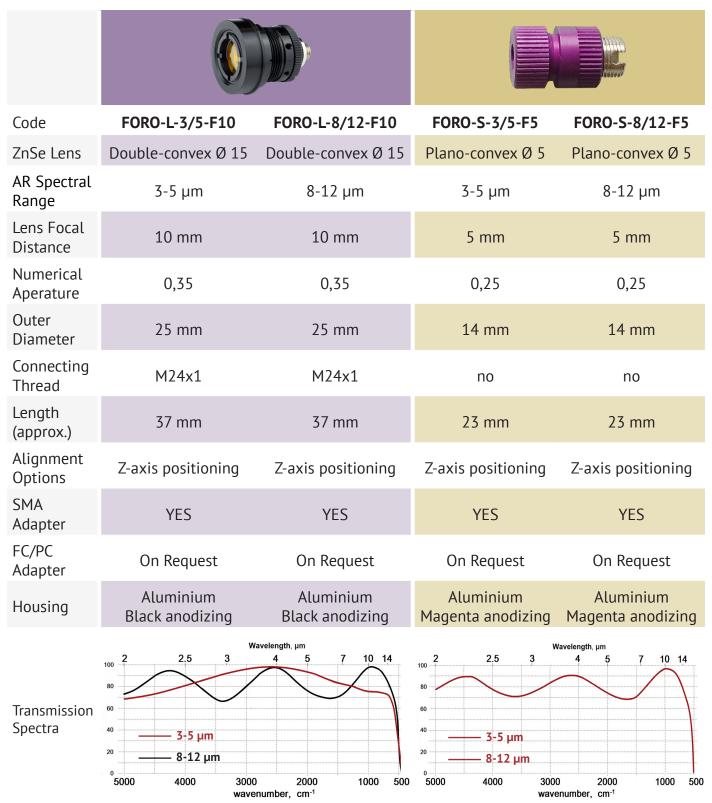
**NIR** 

**MIR** 2-17 µm

## **Applications**

- Refocusing the beam out of the fiber or, used in reverse, into the fiber
- ✓ Fiber end/bundle imaging to the detector

## Specification for refocusing objectives



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