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

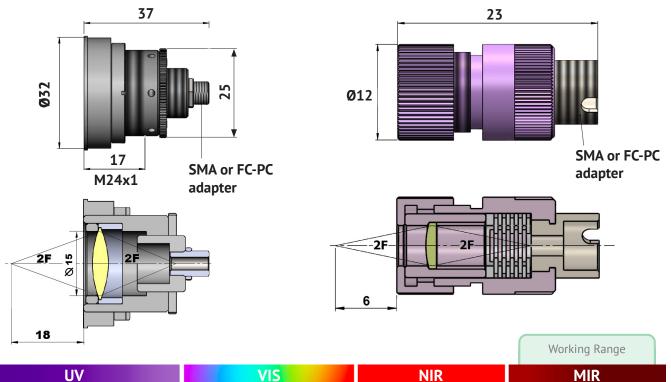
Features:

- 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





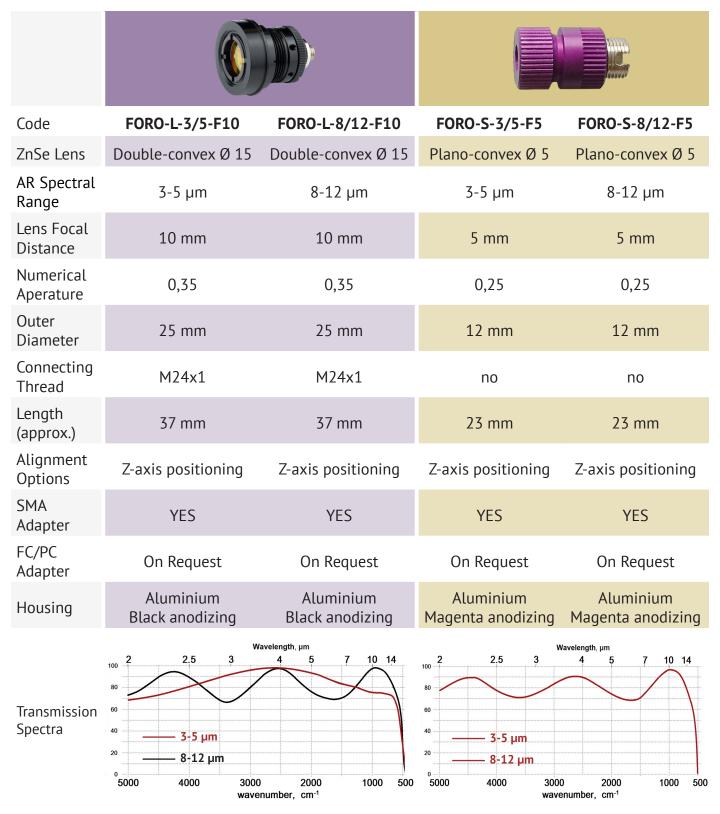
2-17 μm



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



 art photonics GmbH Rudower Chaussee 46 12489 Berlin, Germany **L** +49 (0) 30-6779 887-0

www.artphotonics.com

sales@artphotonics.com

QAS Int. - certified DIN EN ISO 9001:2015 Certificate No. A1887GER

