

40M-M200-26

Micro Focus Optics



FEATURES

Micro focus optics used for focussing the collimated radiation exiting a fiber collimator.

- Attachment optics for fiber collimators type [60FC-L](#) or [60FC-T](#) with outer diameter Ø 55 mm
- Focal length $f' = 200$ mm
- AR Coating 420 - 700 nm
- Achromatic correction

DESCRIPTION

The Micro Focus Optics type 40M-M200-26 is used to generate a small laser spot from the collimated radiation of a fiber collimator.

The [size of the spot](#) and its [Rayleigh range](#) is determined by the fiber properties and by the focal lengths of the fiber collimator and of the micro focus optics. For single-mode fibers the Gaussian intensity distribution and beam shape are maintained.

It is designed for the fiber collimators series [60FC-L](#) or [60FC-T](#) with an outer diameter Ø 55 mm.

Adjustment:

In order to change the working distance of the Micro Focus Optics the lens position of the adjacent collimator has to be readjusted.

Housing material:

As standard, the housing of the Micro Focus Optics is made of nickel silver.

For amagnetic fiber collimators Schäfter+Kirchhoff offers Micro Focus Optics with housings made of titanium.

TECHNICAL DATA

40M-M200-26

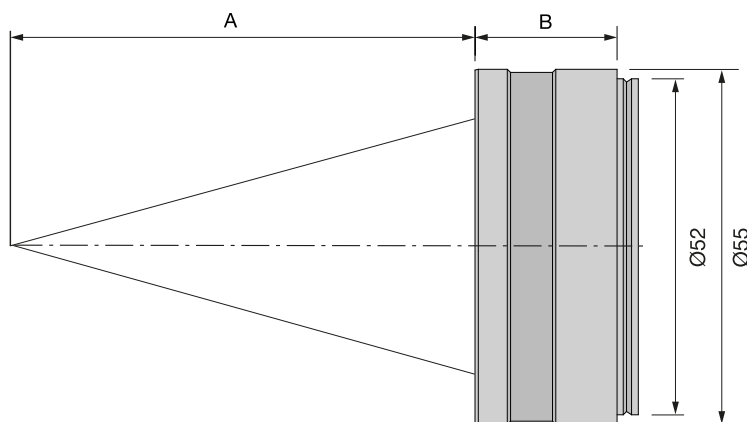
Series

40M

Order Code

40M-M200-26

| | |
|---|--------------------------|
| Focal length | 200 mm |
| Working distance A | 184.0 ± 0.5 mm |
| AR coating | 26 |
| Wavelength range | 420 - 700 nm |
| Lens type | Doublet optics |
| Correction | Achromatic |
| Numerical aperture | 0.12 |
| Clear aperture | Ø 49 mm |
| Outer diameter | Ø 55 mm |
| Length B | 22 mm |
| System mount | Ø 52 mm |
| Front fitting | For system mount Ø 52 mm |
| Housing material | Black anodized aluminum |
| Weight | |
| RoHS compliant | |
| Dimensions (for a complete dimensional drawing please refer to the downloads section) | |



DOWNLOADS



[980241290100.pdf \(Dimensional drawing\).](#)



[Coating-2601-02.pdf \(Coating curve\).](#)

ACCESSORIES

9D-12

Screwdriver WS 1.2

RELATED PRODUCTS

**MICRO FOCUS OPTICS
SERIES 40M**for transforming a collimated beam into a micro focus
spot**ATTACHMENT OPTICS
SERIES 40**to attach in the front of collimators for diameter Ø52
mm

This is a printout of the page <https://sukhamburg.com/products/details/40M-M200-26> from 5/3/2024

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