

Microscope Objectives

MOL

RoHS

These objectives are educational microscope objectives; they have the JIS standard. (Japanese Industry Standard) Short focal length; high NA; fit for beam divergent use.

- Full color correction throughout the visible wavelength.
- The MOL-40 has a built-in spring in the tip of the objective lens.
- These objective lenses are finite.
- To mount it to a microscope, a finite 160mm adaptor is required.
- The distance from the attachment face of the objective lens to the image is 150mm.



Guide

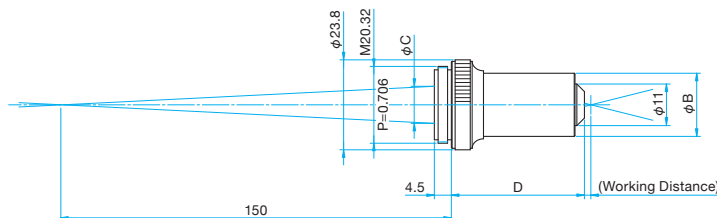
- ▶ Use a special filter (SFB) to correct the wave front distortion.
Reference ▶ D046
- ▶ Objective holder (OLH) is available for these objective lenses.
Reference ▶ D033
- ▶ Cross holder (TPOH) is now available.Reference ▶ D048.

Attention

- ▶ Do not use it with high power laser.
- ▶ The objectives lenses are finite and do not use them with infinite lens barrel or images will bad effects.
- ▶ To use only in visible wavelengths range.

Outline Drawing

(in mm)



Specifications

Part Number	Magnification	Length D [mm]	Barrel diameter φB [mm]	Pupil diameter φC [mm]	Focal length f [mm]	NA	Working distance (WD) [mm]	Weight [kg]
MOL-10	10	30.5	16.7	8.3	16.6	0.25	5.5	0.05
MOL-20	20	35.2	16.7	7.1	9.0	0.40	1.7	0.05
MOL-40	40	36.4	19.7	5.8	4.5	0.65	0.6	0.06

Compatible Optic Mounts

OLH-20.32, -20.32A / TPOH-180A+ TPOH16RO

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