

High Resolution Inspection Lens

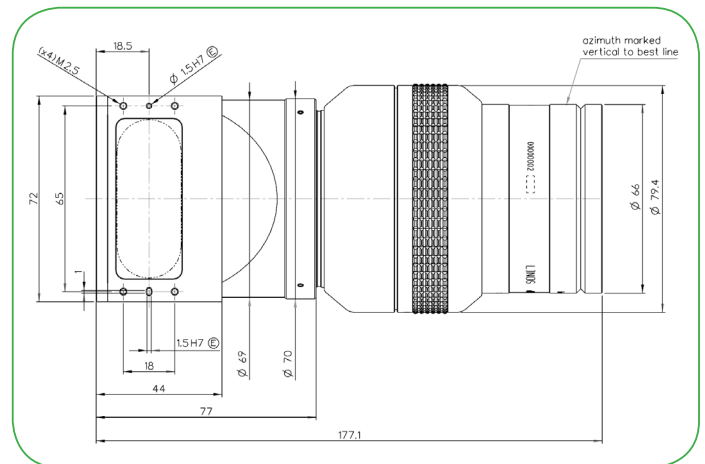
d.fine HR 2.4/128 3.33x

Optical parameters

- Focal length 128 mm
- Aperture 2.4 ... 8
- Magnification range: 3.2 ... 3.5
- Optimal for 12k and 16k sensors
- Recommended for pixel sizes down to 3.5 μm
- Large image circle of 82 mm
- Working distance 58 ... 61.4 mm
- Spectral range: 400 - 750 nm
- MTF (image side) 35% @ 72 Lp/mm (design value)
- Distortion < 0.1% (design value)

Mechanical parameters

- d.fine HR prism module for coaxial illumination available
- Aperture adjustable
- V-groove adaption
- All metal barrel
- Focus tube system for M72, M90 and M95 cameras available



① d.fine HR prism module ② d.fine HR 2.4/128 3.33x

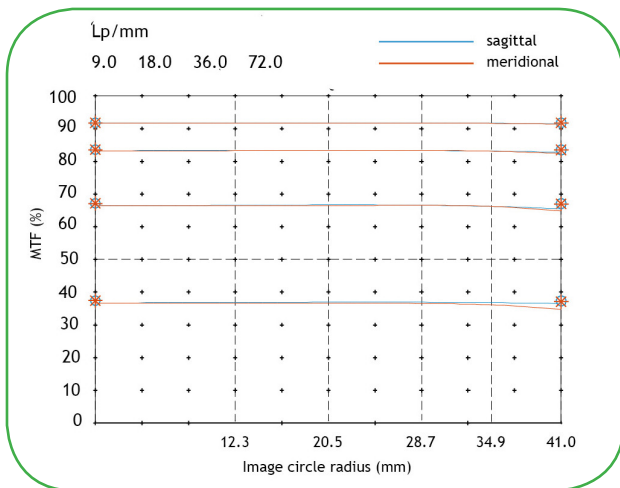


High resolution inspection lens d.fine HR 2.4/128

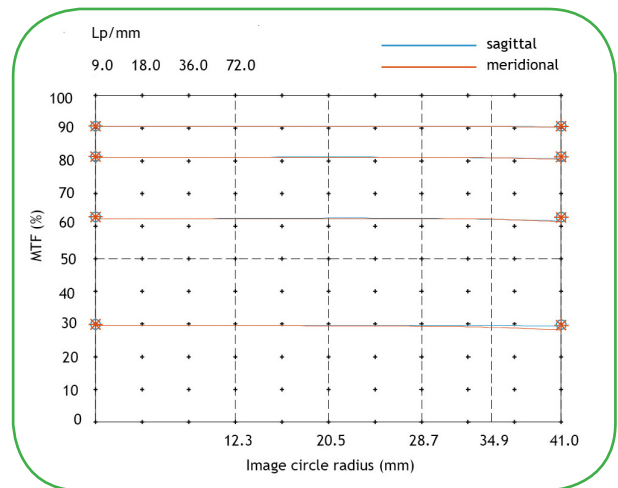
Product	Focal length (mm)	F-number	Magnification range	Image Circle (mm)	Interface	Part No.
d.fine HR 2.4/128	128	2.4	3.2 ... 3.5	82	V-groove	0703-134-000-20

d.fine HR prism module

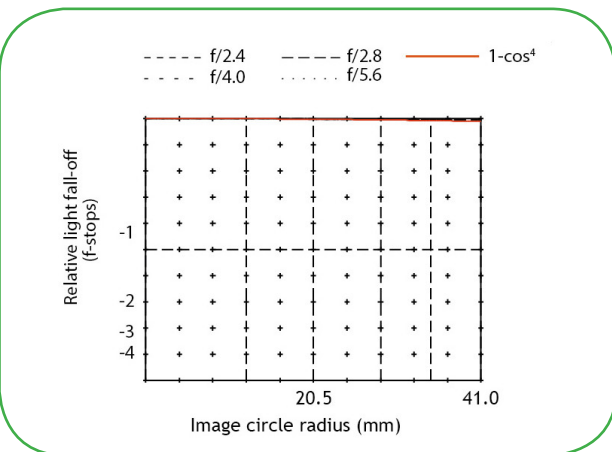
Product	Part No.
d.fine HR prism module	0703-130-823-00



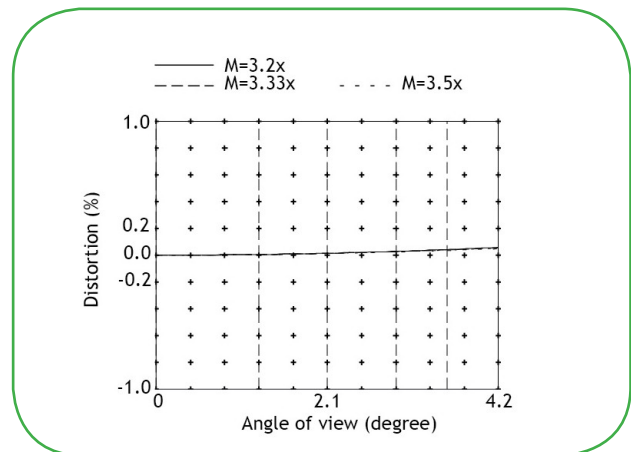
MTF at ratio 3.33 f/2.4



MTF at ratio 3.33 f/2.8



Relative light fall off at ratio 3.33



Distortion at ratio 3.2x to 3.5x

Contact us today

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