

MACRO CONVERTER

DATASHEET

The Macro Converter is designed to improve the close range performance of wide angle H system lenses. Although primarily aimed for use in conjunction with the HC 50-II lens for optimum performance, it can also be used with any of the other H system wide angle lenses.

The close range of the lens will be similar to that produced by a 6.5 mm extension tube. The performance, however, will be noticeably improved compared to extension tube use. The Macro Converter is mounted between the camera body and lens in the same manner as an extension tube.

GENERAL LENS DATA:

Focal length conversion factor	1.0
Aperture reduction	0 stops
Length/diameter	19.5 mm/84 mm
Weight	182 g

COMPATIBILITY

The Macro Converter cannot be combined with the following lenses:

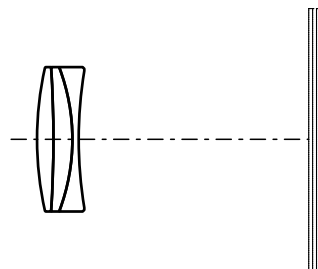
- HCD 35-90
- HC 50-110

All other HC and HCD lenses (including the HTS 1.5x) can be used but optical performance is optimized when using the HC 50-II lens.



LENS DESIGN

3 lenses in 2 groups



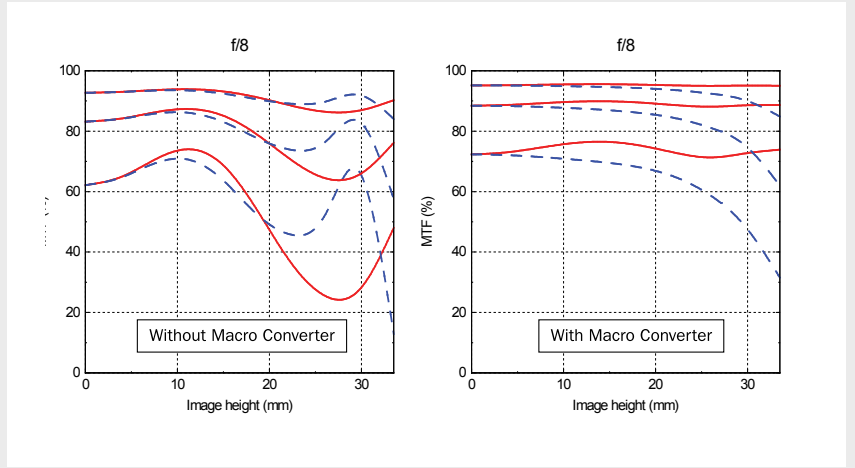
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PERFORMANCE

The MTF diagrams to the right show the dramatic increase in performance when using the Macro Converter at close range.

Lens: HC 50-II
 Distance: 0,6m
 Aperture: f/8



The following graph shows the effect on close range use for the H system wide angle lenses when using the Macro Converter.

■ Focusing range with Macro Converter
■ Focusing range for lens without Macro Converter

