

Lens Specification

Lens construction : 3group 3element (all QUARTZ LENS)

Wave length : 250 nm

Focal length : 77.55 mm \pm 5%

Back focal : 71.31 mm \pm 5% (in air)

Fringe back : 17.526 mm C-mount

Aperture ratio : F/3.8 \pm 5% \sim F/16

Image circle : ϕ 18.0

Angle of view

Image to object distance = Infinity

Diagonal : 13.28 $^{\circ}$

OPT. Distortion: -0.27% (Diagonal)

Magnification : -0.3X

Image to object distance = 436.8 mm

Working distance: 286.6 mm

OPT. Distortion: -0.13% (Diagonal)

Aperture of front lens : ϕ 23.0

Aperture of rear lens : ϕ 21.0

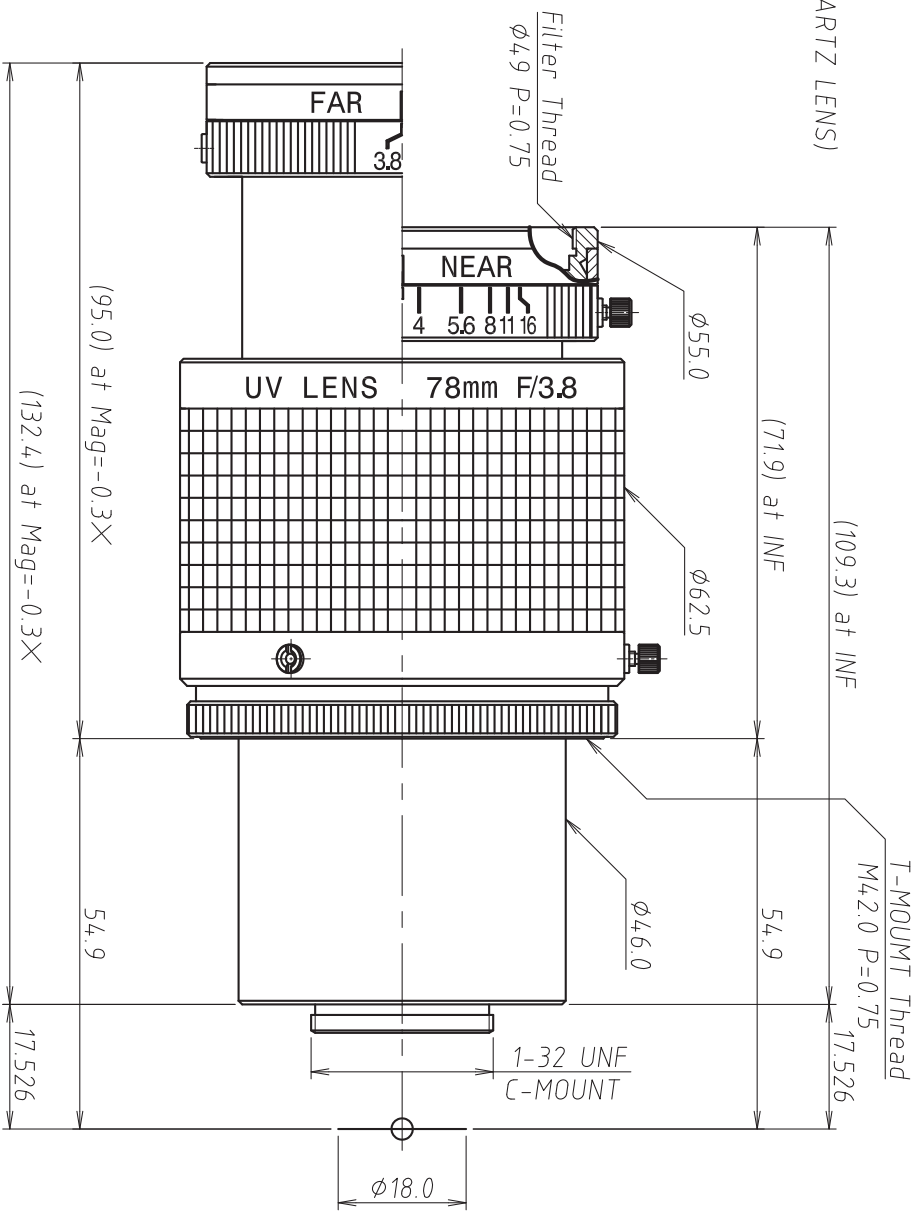
Coating : All surface are





antireflection coated.

(MgF2 single coat)

Mounting : C-mount & T-mount

Filter thread : ϕ 49 mm P=0.75



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|  | | UNIVERSE KOGAKU (AMERICA), INC. 116 Audrey Avenue, Oyster Bay, New York 11771 Phone: (516)624-2444/Fax: (516)624-3109 | |
|  | | TITLE | 78mm F/3.8 UV Lens |
|  | | P/NO. | UV8040BK2 |
|  | | Mfg NO. | VC774A-Y01 |
| | 06/22/2011 | | SHEET 1 OF 1 |
| | | | REV A |