

K2 Close-Focus Objective CF-2

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#39-341: K2 Close-Focus Objective CF-2

Stock **#39-341** **1 In Stock**

1 £880⁰⁰

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| Qty 1+ | £880.00 each |
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Lens Accessory **Type:**

Physical & Mechanical Properties

41.00 **Length (mm):**

58.0 **Maximum Diameter (mm):**

Optical Properties

Horizontal Field of View, 1/2" Sensor:
2.8 - 4.7mm

Working Distance (mm):
140 - 192

Magnification:
2.67X - 1.52X

Numerical Aperture (NA) Range:
0.136 - 0.099

Threading & Mounting

Diameter of Compatible Optics (mm):
49

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Reach 224:
[Compliant](#)

Certificate of Conformance:
[View](#)

Product Details

- Multiple Configurations for Video/Photo/Visual Applications
- 3X Greater Magnification than Other Coaxial In-line Systems
- Highest Possible Long-Distance Resolution
- Focus from Infinity to 54mm
- Supplementary Focuser Available for CentriTel™ Capabilities

Infinity K2/DistaMax™ Long Distance Video Microscopes, recognized as the standard in long-distance microscopes, now incorporate a patent-pending IVS focus system, further improving what was already a top performer. The IVS focus system makes the K2 DistaMax™ easier to use than previous models. To begin using the K2 DistaMax™, simply choose an objective for the front and a camera mount for the rear. Infinity K2-DistaMax™ Long Distance Video Microscopes offer high magnifications and a dynamic working distance range, covering all sensors up to 35mm (43mm diagonal) formats.

The K2 DistaMax™ Single-Port package includes a manual iris for light level and depth of field control. The Dual-Port package includes a right angle mirror for switching between views (not simultaneous viewing), in addition to the parts included in the Single-Port package. The K2 DistaMax™ is ideal for applications ranging from remote vacuum chamber viewing to on-line process control.

The NWE Objective allows focus from infinity to as near as 675mm. Perhaps the most versatile K2 DistaMax™ objective, the NWE also can be used with the Microscope Objective Adapter Disc and other accessories. All objectives attach directly to a front dovetail. When combined with NWE Objective, Microscope Objective Adapter Disc, and Objective Adapter, the K2 DistaMax™ can interface common infinity-corrected microscope objectives, even when the Coaxial In-line Illuminator is used, making it a powerful direct coaxial in-line system. To enable CentriTel® for all formats simply add the CentriTel® Focuser, [#87-430](#). For viewing through an eyepiece (not included), adapter [#58-796](#) is required.

Technical Information

| Description | | Stock No. |
|------------------------------|--------------|--|
| Main Body | One Required | Video Lens - K2 Single Port #87-426 |
| | | Video Lens - K2 Dual Port #87-427 |
| Mount Adapter | One Required | C-Mount Camera Adapter #88-956 |
| | | Nikon F-Mount Camera Adapter #42-835 |
| | | 62mm Eyepiece Tube (for viewing) #58-796 |
| Amplifiers | Optional | CF Tube (1.66x) #65-041 |
| | | DL Doubler Tube (2X Video) #39-686 |
| | | Lockable Doubler Tube (2X Video) #57-714 |
| | | NTX Tube 2X (Large Format) #86-892 |
| Components | Optional | Centritel™ Focuser #87-430 |
| | | Mounting Bar #86-888 |
| Objective/ Objective Adapter | One Required | Near-Wide-Extreme Range |
| | | K2 Objective NWE #87-428 |
| | | Standard Range |
| | | K2 Objective STD #39-339 |
| | | Close-Focus Range |
| | | K2 Objective CF-1 #39-340 |
| | | K2 Objective CF-1/B #57-721 |
| | | K2 Objective CF-2 #39-341 |
| | | K2 Objective CF-3 #39-342 |
| | | K2 Objective CF-4 #52-829 |
| | | High-Power Micro Range |
| | | K2 Microscope Adapter Disc #87-429 |
| | | Mitutoyo/Achrovid Objective Adapter (M26) #53-787 |

| | |
|-------------------------------------|-------------------------|
| Nikon CF160 Objective Adapter (M25) | #54-589 |
| Olympus UIS Objective Adapter (RMS) | #53-786 |

| | NWE* | STD | CF-1 | CF-1/B | CF-2 | CF-3 | CF-4 |
|----------------------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Primary Magnification | 0.12X - 0.6X | 1.1X - 0.34X | 1.28X - 0.61X | 1.4X - 0.8X | 2.67X - 1.52X | 3.56X - 2.29X | 6.1X - 4.57X |
| Field of View (1/2" sensor) (mm) | 53.3 - 10.7 | 6.74 - 20.5 | 5.0 - 12.2 | 4.6 - 9.0 | 2.8 - 4.7 | 2.1 - 3.1 | 1.2 - 1.5 |
| Numerical Aperture | 0.006 - 0.028 | 0.051 - 0.02 | 0.088 - 0.036 | 0.083 - 0.049 | 0.136 - 0.099 | 0.2 - 0.156 | 0.204 - 0.172 |
| Working Distance (mm) | 675 - 3000 | 370 - 946 | 215 - 530 | 228 - 388 | 140 - 192 | 95 - 122 | 54 - 64 |
| Size (Dia. x L) (mm) | 58 x 53 | 58 x 53 | 58 x 65 | 58 x 53 | 58 x 41 | 58 x 68 | 48 x 54.7 |

*NWE Objective will focus to infinity.