


AF-S NIKKOR 24-70mm f/2.8G ED (2.9x)



Standard zoom
NIKKOR lens with
constant f/2.8
aperture

2007 Release

 Click to enlarge



Click to view lens specs

EDSICNASPIFDGSWMM/A

- [Sample Image](#)

Main Features

- Constant maximum aperture of f/2.8 at all focal lengths
- Enhanced optical formulas, engineered to produce exceptional sharpness, contrast and color, render outstanding image integrity

- ED (Extra-low dispersion) glass elements minimize chromatic aberration to deliver stunning sharpness and contrast
- Aspherical lenses including large-diameter PGM element eliminate various types of lens aberration even at the widest aperture
- Nano Crystal Coat virtually eliminates internal lens element reflections, effectively reducing ghosting and flare
- High-performance Nikon Super Integrated Coating offers superior color reproduction, while minimizing ghosting and flare
- IF (Internal Focusing) enables focusing without changing the length of lens barrel
- Nikon's exclusive Silent Wave Motor for fast, quiet autofocus operation
- Rounded diaphragm opening (9 blades) makes out-of-focus elements appear more natural
- 0.38 m/1.2 ft. closest focusing distance with focal length 35-50 mm
- Filter attachment size of 77 mm
- M/A mode enables instant switching from autofocus to manual focus, even during AF servo operation, with virtually no time lag
- Dedicated flower-shaped lens hood effectively minimizes stray light
- Lens barrel is built for comfortable holding while featuring a rugged design; zoom and focusing rings provide smooth operation
- Engineered to Nikon professional D-SLR standards to effectively resist dust and moisture

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Specifications

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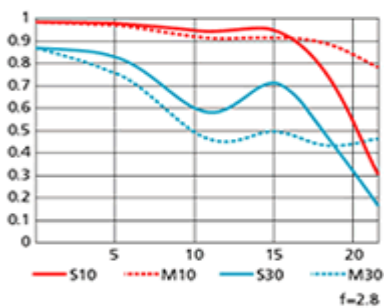
| | |
|------------------|----------|
| Focal length | 24-70 mm |
| Maximum aperture | f/2.8 |

| | |
|---|--|
| Minimum aperture | f/22 |
| Lens construction | 15 elements in 11 groups (with 3 ED glass elements, 3 aspherical lenses and one Nano Crystal Coat) |
| Picture angle | 84° - 34°20' (61° - 22°50' with DX-format camera) |
| Closest focus distance | 0.38 m/1.2 ft. (with focal length 35-50 mm) |
| Maximum reproduction ratio | 1/3.7 |
| No. of diaphragm blades | 9 (rounded) |
| Filter/attachment size | 77 mm |
| Focusing | Internal Focusing (IF) system; autofocus with a built-in SWM and manual focus |
| Diameter x length (extension from lens mount) | Approx. 83 x 133 mm/3.3 x 5.2 in. |
| Weight | Approx. 900 g/31.7 oz. |
| Supplied accessories | Bayonet Hood HB-40, Semi-soft Case CL-M3 |

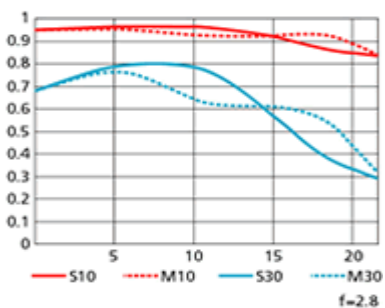
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MTF Chart

Wide



Tele

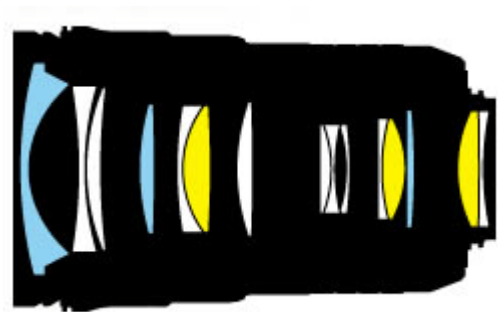


| Spatial Frequencies | S: Sagittal | M: Meridional |
|---------------------|----------------|------------------|
| 10 lines/mm | <div></div> | <div></div> |
| 30 lines/mm | <div></div> | <div></div> |

🔗 [How to read the MTF chart](#)

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Lens Construction



■: Aspherical lens

■: Super ED glass

elements

elements

■: ED glass elements