

SIGMA

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SIGMA

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C Contemporary
18-50mm F2.8 DC DN



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18-50mm F2.8 DC DN



Exclusively for mirrorless cameras | Compatible with APS-C cameras

Stunning versatility.

SIGMA's first APS-C size mirrorless zoom lens has a versatile full-frame equivalent zoom range of 27-75mm, which makes it ideal for a wide range of photo and video applications including landscapes, portraits, street photography, architecture and events. It can also be used for macro-style close-up photography owing to its maximum magnification of 1:2.8*¹, which allows a minimum focusing distance of just 12.1cm. In terms of its bright F2.8 aperture, it makes for easier hand-held low-light shooting and provides a shallow depth-of-field for high-impact results. Autofocus is exceptionally fast and quiet thanks to the stepping motor, which can be particularly useful when shooting video, or fast-moving subjects such as children and animals. The lens' exceptionally small and light form factor that weighs less than 300g makes it perfect as a first interchangeable lens, as well as a sub-lens for full-frame bodies*², as well as for various shooting situations.

*¹ The minimum focusing distance and maximum magnification ratio are both values at the wide end.

*² Please switch to APS-C crop mode when used on full-frame cameras.

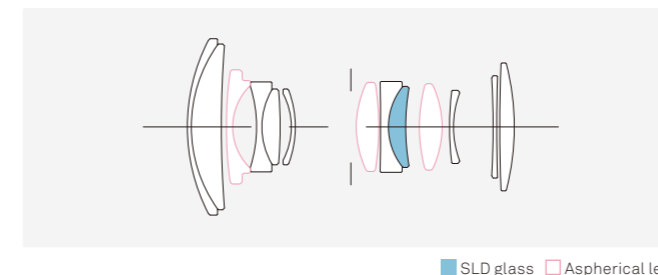
More on our new product lineup:

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Principal features

Large F2.8 aperture and superb image quality

The SIGMA 18-50mm F2.8 DC DN | Contemporary covers 27mm to 75mm in the 35mm format, and has a wide aperture of F2.8 throughout the entire zoom range. This makes it easy to achieve blurry backgrounds, which is ideal for shooting attractive portraits and close-ups. The bokeh is smooth and attractive so doesn't distract from the in-focus subject. The lens's three high-precision glass-molded aspherical elements coupled with the minimization of the total number of elements yields superb optical quality without excessive weight, and the use of in-camera aberration correction further eliminates optical imperfections such as distortion and vignetting. This has all been made possible by the latest optical design technology at SIGMA's only production base in Aizu, where all SIGMA lenses are built.



Exceptionally compact and lightweight body ideal for mirrorless cameras

The SIGMA 18-50mm F2.8 DC DN | Contemporary is remarkably compact, matching the portability of APS-C mirrorless camera bodies. This makes it a perfect work-horse lens that is ideal for general day-to-day use. The lens is currently the smallest and lightest in its class*¹, boasting a maximum diameter of $\Phi 65.4$ mm, a length of 74.5mm and weight of 290g*², yet still maintains a constant aperture of F2.8. To keep the lens as light as possible, SIGMA constructed the body from carefully selected materials. A polycarbonate called Thermally Stable Composite (TSC) was used for the construction of the barrel, which is sleek, robust, and importantly has a thermal conductivity close to that of aluminum. This ensures stable performance and good operability when used in changing temperatures. By deliberately using metal for some of the internal structure, the parts could be much thinner and have a higher rigidity, ensuring the lens can stand up to frequent, heavy use.

*¹ As an AF compatible, F2.8 constant aperture zoom lens for APS-C (as of October 2021, by SIGMA)
*² The values are for L-Mount.

Supports various shooting situations

The SIGMA 18-50mm F2.8 DC DN | Contemporary has fast and near-silent AF that makes it perfectly suited to a range of photographic applications, including shooting in quiet environments, recording videos and capturing fast-moving subjects. This has been achieved by using a stepping motor as the AF actuator. Since it is small and lightweight, it can be used flexibly in situations such as handheld shooting, which requires high mobility, gimbal shooting, one-man operation video shooting and vlogging. With an emphasis on making the lens as versatile as possible in a wide variety of shooting conditions, SIGMA designed the lens with a minimum focusing distance of 12.1 cm and maximum magnification of 1:2.8*¹, making it also ideal for close-ups. Combined with the "Pocketable Full-Frame" SIGMA fp, the total weight is only 712g, and it can also be useful as a sub lens for full-frame cameras (used in crop mode) to keep weight down. The 18-50mm F2.8 DC DN | Contemporary, which combines compactness, light weight, high performance, and large aperture, supports a variety of shooting situations, from introductory single-lens mirrorless cameras to video shooting and combination with full-frame cameras.

*¹ The minimum focusing distance and maximum magnification ratio are both values at the wide end.

Lens Appearance

Note: Appearance varies slightly by mount types.

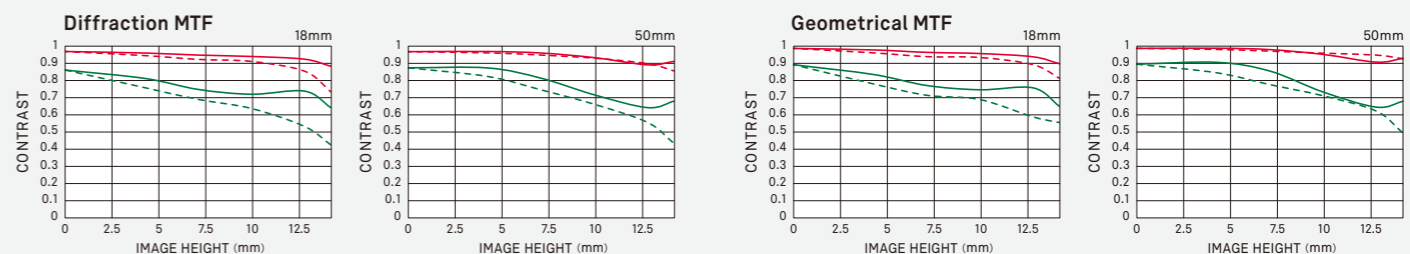


Specifications

*These figures are for L-Mount.

Lens construction	10 groups, 13 elements (1 SLD and 3 aspherical lenses)	Maximum magnification ratio	1:2.8(W) - 1:5(T)
Angle of view (APS-C)	76.5°(W) - 31.7°(T)	Filter size	$\Phi 55$ mm
Number of diaphragm blades	7 (rounded diaphragm)	Maximum dimensions \times length	$\Phi 65.4$ mm \times 74.5mm / $\Phi 2.6 \times 2.9$ in.
Minimum aperture	F22	Weight	290g / 10.2oz.
Minimum focusing distance	12.1(W)-30(T)cm / 4.8-11.9in.		

*The length of a lens is measured from the filter surface to its mount.



Available AF mount • L-Mount: 0085126 585693 • Sony E-mount: 0085126 585655

Petal Type Hood (LH582-02) supplied.

*L-Mount is a registered trademark of Leica Camera AG. *Appearance and specifications are subject to change.

*This product is developed, manufactured and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.

Spatial frequency S M
10 lines / mm — —
30 lines / mm — —
S: Sagittal line
M: Meridional line
All values are at wide-open aperture.