Contemporary
18-50mm F2.8 DC DN
**Principal features**

- **Large F2.8 aperture and superb image quality**
  The SIGMA 18-50mm F2.8 DC DN | Contemporary offers a 2.7x to 8.3x full-frame equivalent zoom range, and features 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-up shots. The zoom 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 yield 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 technologies 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 workhorse lens that is ideal for general day-to-day use. The lens is currently the smallest and lightest in its class, boasting a maximum diameter of φ55.4mm, a length of 76.5mm and weight of 290g, 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.

- **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 12.1cm and maximum magnification of 1:2.8, 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 of 12.1cm and maximum magnification of 1:2.8*, making it also ideal for close-ups. This lens is currently the smallest and lightest in its class, boasting a maximum diameter of φ55.4mm, a length of 76.5mm and weight of 290g, 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.

- **Wide and light design**
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- **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 workhorse lens that is ideal for general day-to-day use. The lens is currently the smallest and lightest in its class, boasting a maximum diameter of φ55.4mm, a length of 76.5mm and weight of 290g, 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.

**Lens Appearance**

Note: Appearance varies slightly by mount types.

**Specifications**

* These figures are for L-Mount.

<table>
<thead>
<tr>
<th>Measurement/condition</th>
<th>12.1cm (4.8&quot;)</th>
<th>30.5cm (11.9&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance (focal length)</td>
<td>18mm-50mm (W-T)</td>
<td>12mm-30mm (W-T)</td>
</tr>
<tr>
<td>Minimum focusing distance</td>
<td>1:2.8(W) - 1:5(T)</td>
<td></td>
</tr>
<tr>
<td>Maximum magnification ratio</td>
<td>1:2.8(W) - 1:5(T)</td>
<td></td>
</tr>
<tr>
<td>Maximum dimensions × length</td>
<td>65.4mm × 74.5mm</td>
<td>55mm × 82mm</td>
</tr>
<tr>
<td>Filter size</td>
<td>55mm</td>
<td>52mm</td>
</tr>
<tr>
<td>Weight</td>
<td>290g</td>
<td>195g</td>
</tr>
</tbody>
</table>

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

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