



## SEL90M28G

### FE 90 mm F2.8 Macro G OSS

The full-frame 90mm medium telephoto macro E-mount lens features built in image stabilization for sharp, clear images at up to 1:1 magnification, even when shooting handheld. Advanced optics and coatings with a 9-blade circular aperture deliver exceptionally smooth bokeh that G Lenses are renowned for. Sharp in-focus rendering is achieved with a floating focus mechanism that suppresses aberration equally at all focusing distances, whether the subject is far away or extremely close. Other advanced technologies, such as the Nano AR Coating and Super ED (extra-low dispersion) glass, elevate overall performance to an extremely high standard.



## Bullets

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- Renowned G Lens bokeh
- Direct Drive DDSSM for quiet, highly precise focus lens control
- Circular aperture for smooth defocusing effect
- Built-in image stabilization
- Dust and moisture-resistant design

## Features

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### Renowned G Lens background bokeh

Beautiful background bokeh is synonymous with the G Lens name, and it can really make the subject stand out. Individual calibration of each lens ensures optimum compensation for spherical aberration, resulting in smooth rendering of edges without a trace of ugly "nisen bokeh." A nine-blade circular aperture also contributes to great looking bokeh.

### Image-wide clarity from macro to infinity

Macro lenses are often used over a wide range of focusing distances, so a floating focus mechanism has been implemented for optimum suppression of close-focus aberration. The floating system reduces the size of the lens while maintaining outstanding clarity throughout the image area, from infinity to the closest focusing distance.

### Precise, quiet focus for stills and movies

Two focus groups in a floating focus configuration are driven by an innovative DDSSM (Direct Drive Super Sonic wave Motor) system for smooth, precise positioning of the relatively heavy lenses that make full frame macro magnification possible. This system is remarkably quiet, and is ideal for animal or insect photography as well as movies.

### Sharp and clear without a tripod

Although a tripod is usually considered necessary for sharp macro photography, built-in OSS (Optical SteadyShot) image stabilization makes it possible to shoot sharp macro images handheld. The heavy stabilization lens is driven by a responsive linear motor for fast, precise stabilization.



### Fast auto/manual focus-switching

If you have to remove your eye from the viewfinder to switch between auto and manual focus, you're likely to lose the shot. With this lens the focus ring, where your hand normally rests while shooting, simply slides back and forth to switch between manual and auto focus. A non-slip surface ensures reliable operation.

### Focus lock where you need it most

Pressing the focus hold button, conveniently located on the lens barrel, instantly locks focus at the current setting and keeps it there until the button is released. The focus hold button can be used to lock focus even when shooting in the continuous AF mode.

### Select your focus range for faster AF

The Focus Range Limiter selector can be set for near and/or far focusing, depending on the subject, limiting focusing range and thereby maximizing autofocus speed. Selections are  $\infty \sim 0.5$  meters for distant focusing,  $0.5 \sim 0.28$  meters for close focusing, and FULL for full-range focusing.

### Inner focus for better handling

In an inner-focus design, only internal lens elements move when focusing, so the total length of the lens does not change. In addition to making handling easier, that means faster autofocus and shorter minimum focusing distance. The filter thread at the front of the lens does not rotate, which is an advantage when using a polarizing filter.

### Get close while keeping your distance

The medium telephoto focal length of this lens gives it an ideal working distance at macro magnifications, making it easier to capture impressive macro images of insects and other subjects that cannot be approached too closely.

### Great for movies as well as stills

In some ways, lens requirements for movie-making are more demanding than for stills. Sony goes the extra mile to ensure that lenses that will be used with movie-capable cameras will deliver the necessary performance. Minimal focus breathing and quiet operation, for example, are essential for movie shooting.

### Reliable and easy in any conditions

Reliable operation in a variety of conditions is ensured by a design that prevents dust and moisture from entering the lens.

## Specification

At a Glance	
Focal Length	90mm
Max. Aperture	f/2.8
Size and Weight	3.125 x 5.25 in. / 21.3 oz.



## Footnotes

- \* "35 mm equivalent focal length (APS-C)" and "Angle of View (APS-C)" are with interchangeable lens digital camera incorporating APS-C type image sensors.

## Lens Specifications

35 mm equivalent focal length (APS-C)	135mm
Angle of View (35 mm)	27°
Angle of View (APS-C)	17°
Aperture Blades	9
Circular Aperture	Yes
Filter Diameter (mm)	62 mm
Focal Length (mm)	90mm
Format	35 mm full frame
Image stabilization (SteadyShot)	Optical SteadyShot
Lens Groups / Elements	11/15
Maximum Magnification ratio (x)	1.0x
Maximum aperture (F)	2.8
Minimum Aperture (F)	22
Minimum Focus Distance	0.92 ft (0.28 m)
Mount	Sony E-mount

## Size & Weight

Dimensions (Diameter x Length)	3-1/8 x 5-1/4" (79 x 130.5 mm)
Weight	21.3 oz (602 g)

1. Reseller price may vary.
2. This product is also known as SEL24F18Z.

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