

TAMRON

Hi-Speed Ultra Telephoto

Model 107B

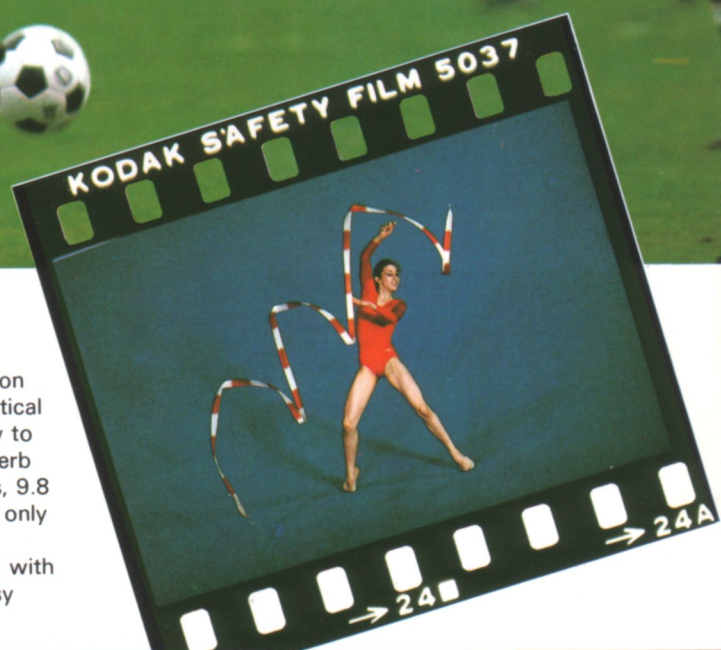


SP 300mm F2.8 LD



Hi-Speed Ultra-Telephoto of Professional Performance

The Tamron SP 300mm F/2.8 is a fast ultra-telephoto providing superb optical performance that meets even the needs of the most demanding professional photographers. It has a 7-element 6-group optical design using two low dispersion (LD) glass elements in the front group and employing Tamron's original OAC (Optical Aberration Compensator) system. This reduces chromatic aberration that is likely to occur in conventional telephoto lenses to the absolute minimum, resulting in superb descriptive performance from infinity to its minimum object distance (3.0 meters, 9.8 feet) for edge-to-edge sharp images. The fast 300mm F/2.8 ultra-telephoto not only provides superb optical performance but also excellent portability and handling convenience due to its compact design. It measures a mere 203.5mm (8 inches) with a mount for Nikon and has a convenient rear 43mm drop-in filter system for easy filter control and a detachable bayonet-type hood.



TAMRON

Manufacturers of lenses for photographic, industrial, laboratory, video, and scientific applications.

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The ideal high-speed, ultra telephoto lens for professional photographers—an optical marvel with greatly reduced aberrations for improved images

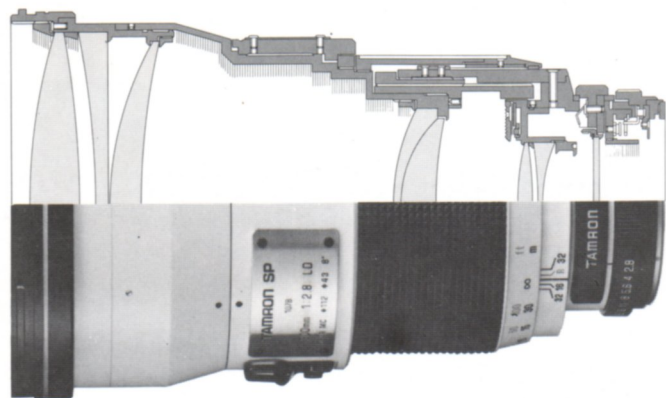
Tamron's SP 300mm F/2.8 LD "super telephoto" lens is ideal for sports, nature, theatrical and other demanding photographic needs. It has successfully incorporated three much needed qualities: extremely high speed, long focal length and superb sharpness and contrast—combined with compactness and maneuverability.

A Fast F/2.8 Maximum Aperture

The Tamron SP 300mm F/2.8 LD offers outstanding performance features for the photographer who needs high shutter speeds and fast maximum apertures. In reduced light conditions, it is an ideal lens for sports, wildlife, press or stage photographers. The lens has a further advantage frequently preferred in this type of photography—shallower depth-of-field. The fast F/2.8 maximum aperture allows critical center subject sharpness to contrast attractively with out-of-focus backgrounds or foreground framing.

Superior Optical Performance

The optical design of the Tamron SP 300mm F/2.8 lens greatly reduces chromatic aberrations (too often a problem of the ultra-telephotos) and assures the photographer optimum image quality. The key to the outstanding image quality of this new Tamron lens is the use of *anomalous dispersion* (LD—low dispersion) glass in the two elements of the front group. This eliminates the second spectrum that becomes greater in proportion to focal lengths—and has effectively minimized chromatic aberration. At the same time, other aberrations such as spherical aberration, astigmatism and curvature of field also have been successfully minimized. The result is superior edge-to-edge sharpness and high contrast visual performance over the entire image field at both maximum aperture (F/2.8) and at smaller lens openings.



●Focal Length: 300mm ●Maximum Aperture: F/2.8 ●Minimum Aperture: F/32 ●Angle of View: 8° ●Lens Construction: 7 elements, 6 groups ●Coating: BBAR multi-layer coating ●Minimum Object Distance: 3.0 meters (9.8 feet) ●Filter Size: 43mm (rear) 112mm (front) ●Mount System: Adaptall-2 interchangeable mount system ●Overall Length: 203.5mm (8 inches) w/mount for Nikon ●Diameter: 117.5mm (4.6 inches) ●Weight: 2,071 grams (73 oz.) ●Hood: Bayonet-type, supplied with the lens

* Specifications and availability are subject to change without notice.

Compact Design

The lens also offers outstanding maneuverability in any photographic situation because of its compactness. It has a small 0.82 telephoto ratio—(the distance from the front element surface to the film plane/focal length). The lens is about eight inches (203.5mm) in length and weighs 73 ounces (2,071 grams).

Plus Even More Features

● Drop-in One-touch Rear Filter System

The opportunities for creative photo work are enhanced by this easy to use filter system. The Tamron SP 300mm lens is designed with a filter slot provided just in front of the aperture control ring. The lens' flange-back-distance (distance from the flange of the custom mount to the film plane) is adjusted to always operate with a 43mm rear filter (mounted in Tamron's exclusive filter frame) and one is provided with each lens. Other 43mm filters for special effects and a 112mm normal front filter are available.



● Large Lens Hood

A large bayonet lens hood effectively shields the lens from undesirable light sources and is supplied with the lens. It has fast one-touch mounting and removal with a single motion.



● White Lens Body

In both sports and wildlife photography, the lens is often used under high-temperature conditions. The white body helps reflect heat protecting the lens from the sun.

Optional Accessories

● An Optically Superior Tamron Flat-Field 2X Tele-Converter (01F)

Tamron's optional 2X tele-converter gives photographers a 600mm f/5.6 ultra-telephoto that cross-couples to the open aperture and AE modes of your SLR.

● Tamron Monopod-Pro (09F)

The compact Tamron Monopod-Pro was developed specially for professional photographers. It's rugged, operates easily and has excellent load-carrying ability. Its design has taken portability and maneuverability into consideration—particularly necessary for sports, press or special events photo work.

