



# RF-S18-45mm F4.5-6.3 IS STM

## Specifications

Lens	
Focal Length	18-45mm
Maximum and Minimum Aperture	f/4.5 - f/32
Lens Mount Type	RF Mount
Compatible Cameras	Canon EOS R-series, APS-C and full-frame (automatic APS-C sensor cropping if used on full-frame EOS R-series cameras)
Minimum Focusing Distance	0.20 m (at 18 mm)
Maximum Magnification	0.16x (at 45 mm)
Field of View, at Minimum Focus Distance	Approx. 153 × 102 mm (at 18 mm) to approx. 137 × 92 mm (at 45 mm)
Angle of View (Diagonal)	Approx. 74° 20' - 33° 40'
Optical Design	
Lens Construction	7 elements in 7 groups
Special Elements	(Two) Aspherical elements
Lens Coating	Canon SSC (Super Spectra Coating)
Filter Size Diameter	ø49 mm
Aperture Blades	7
Image Stabilization	4 stops correction with In-lens Optical Image Stabilization (6.5 stops correction with EOS R5 in-body coordinated Image stabilization)
Focusing	
Focusing Drive System	Canon STM (Leadscrew type STM)
Full-time Manual Focusing	Yes (Supports both ONE SHOT AF and SERVO AF with compatible EOS R-series cameras)
Dual Pixel CMOS AF Coverage (Horizontal x Vertical)	<ul style="list-style-type: none"><li>• EOS R — Approx. 80% x 80%</li><li>• EOS R5 — Approx. 80% x 80%</li><li>• EOS R7/R10 — Approx. 100% x 100%</li></ul>
Exterior Design	
Control Ring	Dual-function Manual focus ring / Control Ring (selected using camera menu)
Manual Focus Ring	Electronic ring system <ul style="list-style-type: none"><li>• Full-time Manual focus possible</li><li>• No physical limit to ring rotational angle</li></ul>
AF/MF Switch	None — focus mode selected in camera menu
MF/Control Ring Switch	None — must be selected in camera menu
Distance Scale	None <ul style="list-style-type: none"><li>• Distance scale available in EVF or Live View LCD screen of compatible EOS R-series cameras</li></ul>

<b>Distance Limiter Switch</b>	None
<b>Dust / Weather Resistant Construction</b>	None
<b>Dimensions, Weight</b>	
<b>Maximum Outer Diameter x Length</b>	Approx. ø2.7 in. x 1.7 in. (ø68.9mm x 44.3mm)
<b>Weight</b>	Approx. 4.6 oz. / 0.3 lb. / 130g
<b>Accessories</b>	
<b>Lens hood</b>	Canon EW-53 <ul style="list-style-type: none"> <li>• Bayonet-mount, petal-shaped hood</li> <li>• Optional accessory, sold separately</li> </ul>
<b>Lens Cap</b>	(Front) Canon E-49 (center pinch-type) (Bundled)
<b>Dust Cap</b>	Canon Lens Dust Cap RF (Bundled)
<b>Lens Case</b>	Canon Lens Case LP814 <ul style="list-style-type: none"> <li>• Optional accessory, sold separately</li> </ul>
<b>Extension Tubes</b>	None (No Canon RF mount extension tubes)
<b>Close-up Lenses 250D / 500D</b>	None (No ø49mm size available)
<b>Canon RF Extender 1.4x/2x</b>	Not compatible
<b>Canon Gelatin Filter Holder III/IV</b>	Not compatible