

Features	Lens Construction	21 elements in 15 groups (2 aspherical lenses, 2 UED lenses, 2 ED lenses, 1 UHR lens)
	Nano Surface Coating	Yes
	Mount	Micro Four Thirds mount
	Optical Image Stabilizer	Yes (POWER O.I.S.)
	Focal Length	f=50-200mm (35mm camera equivalent 100-400mm)
	Aperture Type	9 diaphragm blades / Circular aperture diaphragm
	Maximum Aperture	F2.8 (Wide) - F4.0 (Tele)
	Minimum Aperture	F22
	Closest Focusing Distance	0.75m / 2.46ft
	Maximum magnification	Approx. 0.25x / 0.5x (35mm camera equivalent)
General	Diagonal Angle of View	24°(Wide) - 6.2°(Tele)
	Weatherproof	Splash/Dust/Freezeproof*
	Filter Size	φ67mm
	Max. Diameter	φ76mm / 2.99inch
	Overall Length	Approx. 132mm / 5.20inch (from the tip of the lens to the base side of the lens mount)
	Weight [g]	Approx. 23.10oz (excluding lens cap, lens rear cap and lens hood)
	Weight [oz]	Approx. 655g (excluding lens cap, lens rear cap and lens hood)
Standard Accessories		Lens cap, Lens rear cap, Lens hood, Lens storage bag
NOTE		* The lens supports this feature in conjunction with splash/dust/freezeproof LUMIX cameras.
NOTE		Splash Proof is a term used to describe an extra level of protection this lens offers against exposure to a minimal amount of moisture, water or dust.