

Features	Lens Construction	15 elements in 10 groups (1 aspherical ED lens, 3 aspherical lenses, 2 ED lenses, 1 UHR lens)
	Nano Surface Coating	Yes
	Mount	Micro Four Thirds mount
	Optical Image Stabilizer	No
	Focal Length	f=8-18mm (35mm camera equivalent 16-36mm)
	Aperture Type	7 diaphragm blades / Circular aperture diaphragm
	Maximum Aperture	F2.8 (Wide) - F4.0 (Tele)
	Minimum Aperture	F22
	Closest Focusing Distance	0.23m / 0.75ft
	Maximum magnification	Approx. 0.12x / 0.24x (35mm camera equivalent)
General	Diagonal Angle of View	107°(Wide) - 62°(Tele)
	Weatherproof	Splash/Dust/Freezeproof
	Filter Size	φ67mm
	Max. Diameter	φ73.4mm / 2.89inch
	Overall Length	Approx. 88mm / 3.46inch (from the tip of the lens to the base side of the lens mount)
	Weight	Approx. 315g / 11.1oz (excluding lens cap, lens rear cap and lens hood)
Standard Accessories		Lens cap, Lens rear cap, Lens hood, Lens storage bag