

Features	Lens Construction	15 elements in 12 groups (2 aspherical lenses, 1 ED lens, 2 UED lenses)
	Nano Surface Coating	-
	Mount	Micro Four Thirds mount
	Optical Image Stabilizer	-
	Focal Length	f=12mm (35mm camera equivalent 24mm)
	Aperture Type	9 diaphragm blades / Circular aperture diaphragm
	Maximum Aperture	F1.4
	Minimum Aperture	F16
	Closest Focusing Distance	0.20m / 0.66ft
	Maximum magnification	Approx. 0.1x / 0.2x (35mm camera equivalent)
General	Diagonal Angle of View	84°
	Filter Size	ø62mm / 2.44inch
	Max. Diameter	ø70.0mm / 2.76inch
	Overall Length	Approx. 70mm / 2.76inch (from the tip of the lens to the base side of the lens mount)
	Weight [g]	Approx. 335g (excluding lens cap, lens rear cap and lens hood)
	Weight [oz]	Approx. 11.82oz (excluding lens cap, lens rear cap and lens hood)
Standard Accessories		Lens cap, Lens rear cap, Lens hood, Lens storage bag