

F-Theta Scanning Lens

F-Theta Field Scanning Lens 1. F-theta mirrors are used in conjunction with oscillators for laser marking, welding, engraving, etc. 2. Commonly used field mirror lenses are plain optical glass, all-quartz and a mixture of both, depending on the power and pulse width of the input laser. All quartz field lenses are commonly used for high power laser and picosecond laser applications. 3. Uniform beam size over the full width, with aberrations <1%.

Wavelengths (nm)	Effective Focal Length (mm)	Scanning Format (mm)	Entrance Pupil (mm)	Datasheet
355	100~1117	50~800	6~18	
405	175	110*110	6	
532	120~260	65~170	10~20	
1064	50	18	26.7	