

F-Theta - Optics for PM 10

Property	Jenar-Silverline 160-1030...1080-110	Jenar-Silverline 255-1030...1080-160	Jenar-Silverline 423-1030...1080-360
Wavelength [nm]	1030...1080		
Effective focal length [mm]	160	255	423
Working Distance [mm]	183.6	303.3	500.2
Scan field (X x Y) / Ø [mm]	78 x 78 / 110	114 x 114 / 160	255 x 255 / 360
max. telecentricity (°):	5.4	7.4	16.4
Pulse length / Operating mode	fs ... cw	fs ... cw	fs ... cw
Spotsize Ø (1/e ²) @ M ² =1 [µm]	44	71	120

technical status as of 22.04.2025, subject to change

red - optics specially developed for the scanner

black - standard optics * tested