

Specim FX10 quick lens selection guide

	FOV12	FOV24	FOV38	FOV46	FOV51	FOV83	VNIRMACRO
Product code	06FOB00200	0608084	0603914	0608039	06FOB00010	06FOB00310	0608759
Field of view (deg)	11	23	38	46	51	83	-
Effective focal length (mm)	50.4	25.2	15.1	12.4	12.0	6.3	-
Working F-number	3.1 - closed	2.1 - closed	2.1	2.1 - closed	2.3	2.1 - closed	4.0
Working distance (mm)	366 - ∞	500 - ∞	150 - ∞	300 - ∞	300 - ∞	100 - ∞	31
Minimum object length* (mm)	67	214	124	277	300	210	10.2
Minimum sampling at target* (mm)	0.065	0.210	0.120	0.270	0.290	0.210	0.010
Average resolution** (pix)	3.4	2.0	2.5	2.2	2.3	2.2	1.7
Average transmission (%)	89	78	86	81	94	74	88
Minimum relative illumination (%)	92	89	98	86	90	81	94
Lens mount	C-mount	C-mount	Custom	C-mount	Custom	C-mount	Custom
Dimensions (diameter x length, mm)	34 x 53	35 x 51	53 x 49	55 x 99	41 x 50	54 x 57	33 x 103
Adjustable focus	Yes	Yes	Yes	Yes	Yes	Yes	No
Filter thread	M30.5 x 0.5	M30.5 x 0.5	M43 x 0.75	M52 x 0.75	M37.5 x 0.75	-	-

* For FOV lenses, at the shortest working distance

** For FOV lenses, at 1 m working distance

Refer to the separate datasheet of each lens for more details.