

Specim FX17 quick lens selection guide

	FOV12	FOV38	FOV53	FOV66	FOV75	FOV90	NIRMACRO	OLESMACRO
Product code	0601596	0604008	0607085	0600911	06FOB10090	0606181	606167	06FOB00210
Field of view (deg)	12	38	54	66	74	90	-	-
Effective focal length (mm)	56.2	17.9	12.3	10.2	8.6	6.4	-	-
Working F-number	2.1	2.1	2.1	2.1	2.1 - closed	2.1 - closed	2.1	4.0
Working distance (mm)	500 - 1000	150 - ∞	100 - ∞	300 - ∞	100 - ∞	100 - ∞	18	100
Minimum object length* (mm)	102	124	129	422	178	242	12.0	12.0
Minimum sampling at target* (mm)	0.160	0.190	0.200	0.660	0.280	0.380	0.019	0.019
Average resolution** (pix)	2.0	1.9	1.6	1.4	2.1	1.9	1.6	1.5
Average transmission (%)	90	83	90	89	85	86	79	94
Minimum relative illumination (%)	90	99	95	92	96	69	94	98
Lens mount	Custom	Custom	Custom	Custom	C-mount	C-mount	Custom	C-mount
Dimensions (diameter x length, mm)	55 x 99	53 x 68	55 x 91	60 x 108	57 x 65	65 x 57	49 x 128	50 x 176
Adjustable focus	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Filter thread	M43 x 0.75	M43 x 0.75	M43 x 0.75	M58 x 0.75	M55 x 0.75	-	-	M40.5 x 0.5

* For FOV lenses, at smallest working distance

** For FOV lenses, at 1 m working distance

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