

M5018-APVSW

f=50mm F1.8 ViSWIR Hyper Apochromat
for Visible+SWIR image sensor, Fixed-focal
C-Mount

Model No.		M5018-APVSW		Effective Lens Aperture	Front	ϕ 26.8mm	
Focal Length		50mm			Rear	ϕ 10.1mm	
Max. Aperture Ratio		1:1.8		Distortion(inf)	1/1.4 Type	0.2%	
Wavelength Range		400nm – 1700nm			1/1.8 Type	0.2%	
Max. Image Circle		ϕ 11.4mm		Back Focal Length		13.4mm	
Operation Range	Iris	F1.8 - F16.0		Flange Back Length		17.526mm	
	Focus	0.2m - Inf.		Mount		C-Mount	
Control	Iris	Manual		Filter Size		M37.5 P=0.5mm	
	Focus	Manual		Dimensions		ϕ 41mm × 67.0mm	
Operating Temperature		-10°C - +50°C		Weight		174g	
Angle of View	D	1/1.4 type	12.8°	1/1.8 type	10.1°	1/2 type	9.5°
	H	8.83mm x 7.07mm	10.2°	7.07mm x 5.30mm	8.1°	6.40mm x 5.12mm	7.4°
	V	(11.3mm diagonal)	8.2°	(8.8mm diagonal)	6.1°	(8.2mm diagonal)	5.9°
	D	1/4 type	4.7°				
	H	3.20mm x 2.56mm	3.7°				
	V	(4.1mm diagonal)	3.0°				

Dimensions

