

M1218-APVSW2

f=12mm F1.8 ViSWIR Hyper Apochromat
for Visible+SWIR image sensor, Fixed-focal
C-Mount

Model No.		M1218-APVSW2		Effective	Front	ϕ 24.3mm	
Focal Length		12mm		Lens Aperture	Rear	ϕ 10.4mm	
Max. Aperture Ratio		1:1.8		Distortion(inf)	1/1.4 Type	0.1%	
Wavelength Range		400nm - 1700nm			1/1.8 Type	-0.2%	
Max. Image Circle		ϕ 11.4mm		Back Focal Length		12.5mm	
Operation Range	Iris	F1.8 - F16.0		Flange Back Length		17.526mm	
	Focus	0.1m - Inf.		Mount		C-Mount	
Control	Iris	Manual		Filter Size		M37.5 P=0.5mm	
	Focus	Manual		Dimensions		ϕ 39.5mm × 52.0mm	
Operating Temperature		-10℃ - +50℃		Weight		163g	
Angle of View	D	1/1.4 type	50.4°	1/1.8 type	40.5°	1/2 type	37.9°
	H	8.83mm x 7.07mm	40.5°	7.07mm x 5.30mm	32.9°	6.40mm x 5.12mm	30.0°
	V	(11.3mm diagonal)	32.9°	(8.8mm diagonal)	25.0°	(8.2mm diagonal)	24.2°
	D	1/4 type	19.5°				
	H	3.20mm x 2.56mm	15.2°				
	V	(4.1mm diagonal)	12.2°				

Dimensions

