

M0818-APVSW2

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

Model No.		M0818-APVSW2		Effective	Front	ϕ 28.4mm	
Focal Length		8mm			Lens Aperture	Rear	ϕ 15.5mm
Max. Aperture Ratio		1:1.8		Distortion(inf)	1/1.4 Type	0.6%	
Wavelength Range		400nm – 1700nm			1/1.8 Type	−0.3%	
Max. Image Circle		ϕ 11.4mm		Back Focal Length		11.5mm	
Operation Range	Iris	F1.8 - F16.0		Flange Back Length		17.526mm	
	Focus	0.1m - Inf.		Mount		C-Mount	
Control	Iris	Manual		Filter Size		M46.0 P=0.75mm	
	Focus	Manual		Dimensions		ϕ 49mm × 54.7mm	
Operating Temperature		−10°C - +50°C		Weight		171g	
Angle of View	D	1/1.4 type	68.7°	1/1.8 type	56.6°	1/2 type	53.2°
	H	8.83mm x 7.07mm	56.6°	7.07mm x 5.30mm	46.7°	6.40mm x 5.12mm	42.7°
	V	(11.3mm diagonal)	46.7°	(8.8mm diagonal)	35.8°	(8.2mm diagonal)	34.7°
	D	1/4 type	28.1°				
	H	3.20mm x 2.56mm	22.1°				
	V	(4.1mm diagonal)	17.7°				

Dimensions

