

M1618-APVSW2

f=16mm F1.8 ViSWIR Hyper Apochromat
for Visible+SWIR image sensor, Fixed-focal
C-Mount

Model No.		M1618-APVSW2		Effective	Front	ϕ 25.1mm	
Focal Length		16mm			Lens Aperture	Rear	ϕ 16.5mm
Max. Aperture Ratio		1:1.8		Distortion(inf)	1/1.4 Type	0.1%	
Wavelength Range		400nm – 1700nm			1/1.8 Type	−0.3%	
Max. Image Circle		ϕ 11.4mm		Back Focal Length		14.2mm	
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 × 51.4mm	
Operating Temperature		−10°C - +50°C		Weight		170g	
Angle of View	D	1/1.4 type	38.9°	1/1.8 type	31.0°	1/2 type	28.8°
	H	8.83mm x 7.07mm	31.0°	7.07mm x 5.30mm	25.0°	6.40mm x 5.12mm	22.7°
	V	(11.3mm diagonal)	25.0°	(8.8mm diagonal)	18.9°	(8.2mm diagonal)	18.2°
	D	1/4 type	14.6°				
	H	3.20mm x 2.56mm	11.4°				
	V	(4.1mm diagonal)	9.2°				

Dimensions

