

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

