M0818-APVSW

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

Model No.		M0818-APVSW		Effective Lens Aperture	Front	φ28.4mm	
Focal Length		8mm			Rear	φ15.5mm	
Max. Aperture Ratio		1:1.8		Distortion(inf)	2/3 Type	0.4%	
Wavelength Range		400nm – 1700nm			1/2 Type	-0.4%	
Max. Image Format		8.8mm x 6.6mm(φ11mm)		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 P=0.75mm	
	Focus	Manual		Dimensions		φ49mm×54.7mm	
Operating Temperature		-10℃ - +50℃		Weight		163g	
Angle of View	D	IMX990 (SXGA)	53.2°	IMX991 (VGA)	28.1°	2/3 Type	67.3°
	H	6.40mm x 5.12mm	42.7°	3.20mm x 2.56mm	22.1°	8.80mm x 6.60mm	56.4°
	V	(φ8.20mm)	34.7°	(φ4.10mm)	17.7°	(φ11mm)	43.9°

Dimensions

