

M1218-APVSW

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

Model No.		M1218-APVSW		Effective	Front	ϕ 24.3mm	
Focal Length		12mm			Lens Aperture	Rear	ϕ 10.4mm
Max. Aperture Ratio		1:1.8		Distortion(inf)	2/3 Type	0.0%	
Wavelength Range		400nm - 1700nm			1/2 Type	-0.3%	
Max. Image Format		8.8mm x 6.6mm(ϕ 11mm)		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		133g	
Angle of View	D	IMX990 (SXGA)	37.9°	IMX991 (VGA)	19.5°	2/3 Type	49.3°
	H	6.40mm x 5.12mm	30.0°	3.20mm x 2.56mm	15.2°	8.80mm x 6.60mm	40.4°
	V	(ϕ 8.20mm)	24.2°	(ϕ 4.10mm)	12.2°	(ϕ 11mm)	30.9°

Dimensions

