

Macro lens for large format

Model	VS-L1828/F			
Focal length(f)	18mm (18.53)			
Optical mag. range	$(\infty) \times 0.025 \sim \times 0.12$			
Optical mag.	$\times 0.025$	$\times 0.05$	$\times 0.1$	$\times 0.12$
WD	722.9mm	352.8mm	168.4mm	137.9mm
O/I (Object & Imager distance)	826.9mm	456.8mm	272.4mm	241.9mm
Aperture	2.8~16			
Working F/# *Value at Iris open	2.88	2.95	3.09	3.15
DOF at PCoC ϕ 0.04mm	368.6mm	94.4mm	24.7mm	17.5mm
TV distortion (max.)	-0.73%			
Operation of iris & focus	Manual (Lock screw M2)			
Wavelength	Visible (400nm - 700nm)			
Mount	F-mount			
Flange back	46.5mm			
Image circle	ϕ 29			
Filter thread	M55 P=0.75			
Weight (approx.)	g			
Dimension	ϕ 59(MAX) x L=57.5mm			

Optical Data

Front principle point	32.95mm
FPP RPP distance	-mm
Optical over all length	75.70mm
Back focus	24.02mm (in air) (∞)