



# UV-105 F4.5



## UV to Extended Red 105mm F4.5 Nikon

- Chromatically corrected from 220nm to 900nm.
- Forensics, combustion, electric discharge.
- > 70% transmission from 220nm to 900nm.
- Macro (2:1) capability.



## SPECIFICATION

Part Number	PF10545MF-UV
Focal Length	105mm
Construction	6 elements in 6 groups
Maximum Aperture Ratio	4.5
Benchmark Wavelength	587.56nm
Corrected Wavelength	220nm ~ 900nm
Magnification	$\infty$ ~ 0.5 times
Image Size	$\varnothing$ 43.6mm
Object Diameter (at 2:1)	$\varnothing$ 87.2mm
Picture Angle	23° 20'
Focussing Scale	$\infty$ ~ 0.48m (1.57 feet)
Magnification Scale	1:10 ~ 1:2
Aperture Stops	4.5, 5.6, 8, 11, 16, 22, 32
Object to Image Distance	$\infty$ ~ 428.6mm
Working Distance	$\infty$ ~ 274.1mm
Mount	Nikon F Mount.
Flange Focal Distance	46.5mm (Standard F-mount)
Filter Size	M52 x 0.75
Dimensions	$\varnothing$ 68.5 x 116.5mm (108mm when at $\infty$ to flange)
Weight	515g