# 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 *(replaces Nikon Lens PN 1453)* |
| Focal Length | 105mm |
| Construction | 6 elements in 6 groups |
| Maximum Aperture Ratio | 4.5 |
| Benchmark Wavelength | 587.56nm |
| Corrected Wavelength | 220nm ~ 900nm |
| Magnification | ∞ ~ 0.5 times |
| Image Size | Ø 43.6mm |
| Object Diameter (at 2:1) | Ø 87.2mm |
| Picture Angle | 23°20' |
| Focussing Scale | ∞ ~ 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 | ∞ ~ 428.6mm |
| Working Distance | ∞ ~ 274.1mm |
| Mount | Nikon F Mount. |
| Flange Focal Distance | 46.5mm (Standard F-mount) |
| Filter Size | M52 x 0.75 |
| Dimensions | Ø 68.5 x 116.5mm (108mm when at ∞ to flange) |
| Weight | 515g |

**Options available from Company Seven:**

- UV Transmission Filters
- UV Transmission Filter Holder
- UV Light Sources
- UV Very High Resolution Long Distance Microscopes (to sub mircon res.)

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