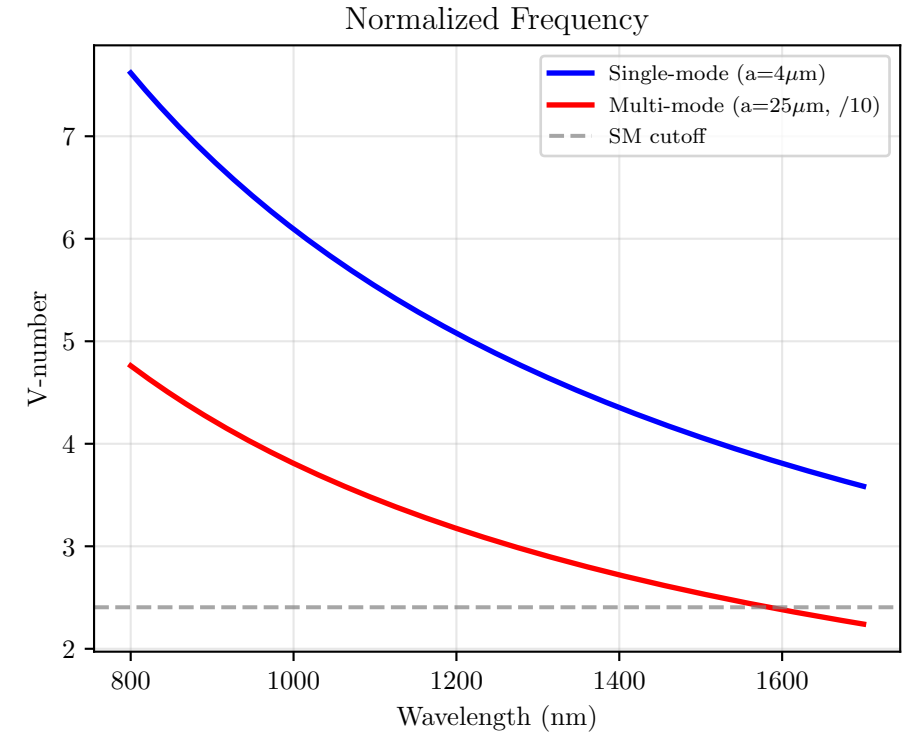
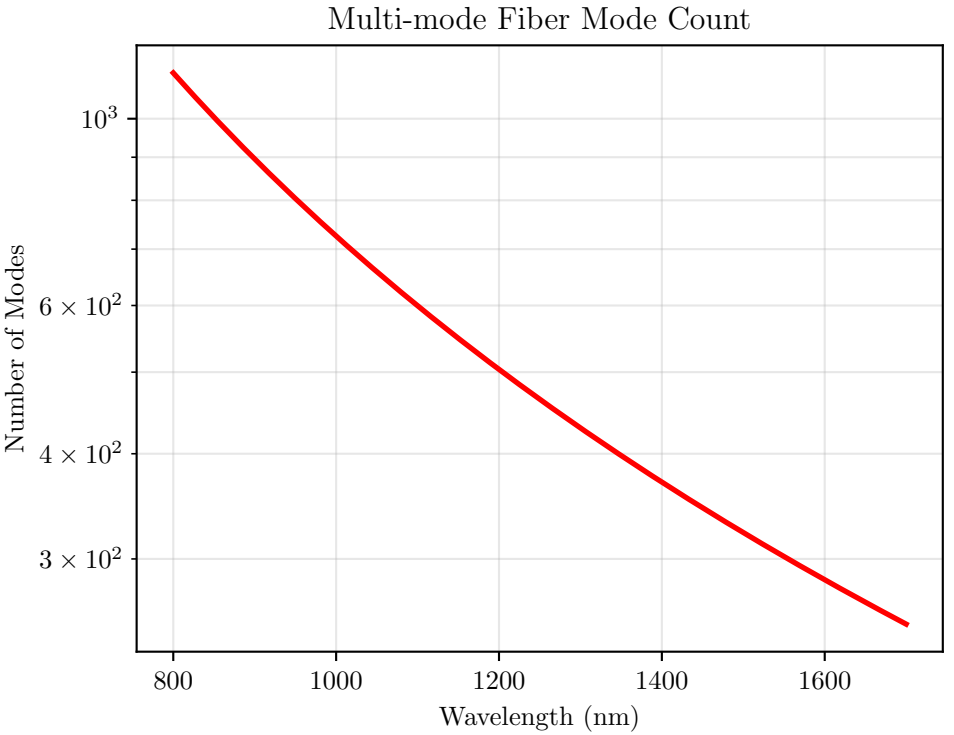
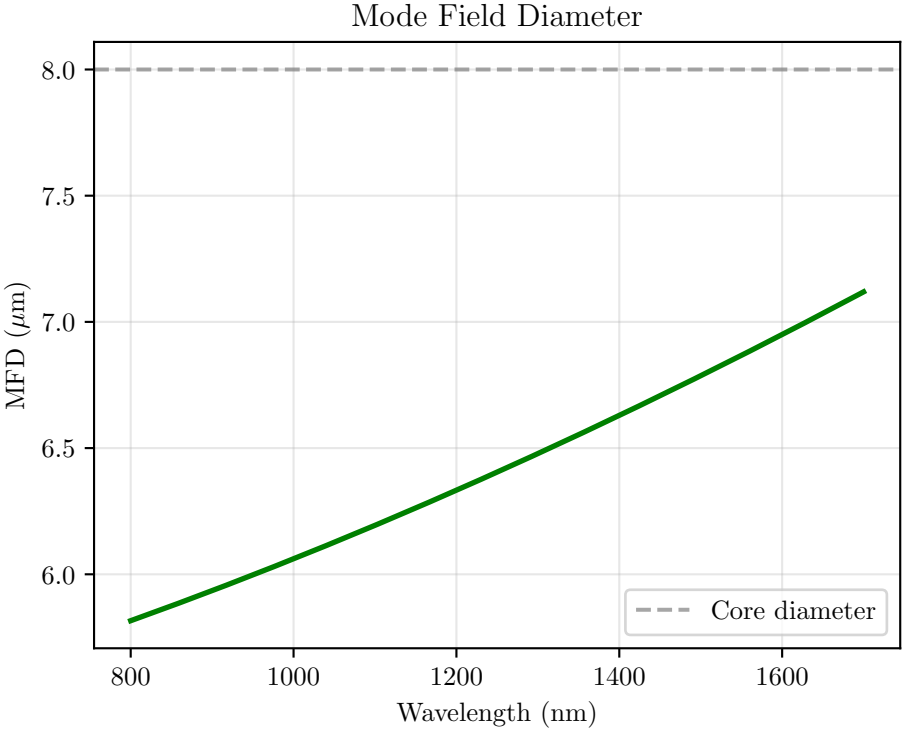
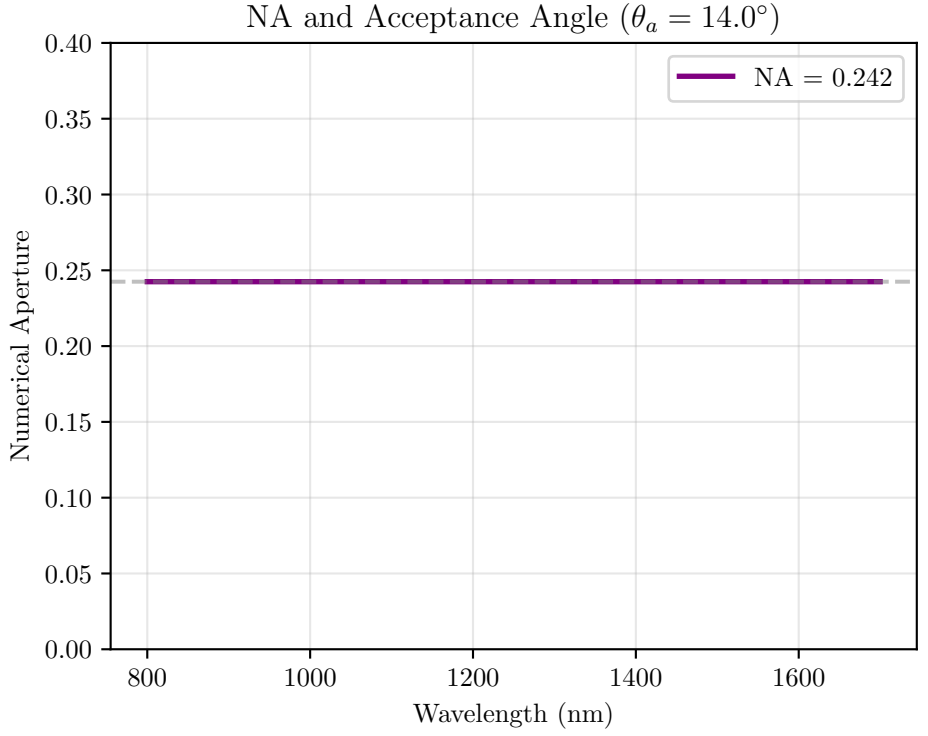

Normalized Frequency
Single-mode (a=4μm)
Multi-mode (a=25μm, /10)
SM cutoff
V-number
Wavelength (nm)


Multi-mode Fiber Mode Count
Number of Modes
Wavelength (nm)


Mode Field Diameter
Core diameter
MFD (μm)
Wavelength (nm)


NA and Acceptance Angle ($\theta_a = 14.0°$)
NA = 0.242
Numerical Aperture
Wavelength (nm)