

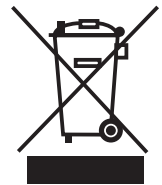


### Description

Thorlabs' 0.37 NA hard polymer-clad, multimode, step-index fibers offer high numerical apertures to suit a broad range of applications, from remote illumination to photodynamic therapy. This high quality fiber offers easy termination with no pistoning effect and is a cost effective alternative to silica / silica fiber.

### Specifications

0.37 NA Hard Polymer Clad Multimode Fiber	
Core / Cladding	Pure Silica / Hard Polymer
Operating Temperature (Tefzel Coating)	-40 to 150 °C
Numerical Aperture (NA)	0.37 ± 0.02
Proof Test Level	70 kpsi
Minimum Bend Radius	100 x Clad Radius (Momentary) 300 x Clad Radius (Long Term)



#### Visible to Near-IR Transmission (Low OH, 400 - 2200 nm)

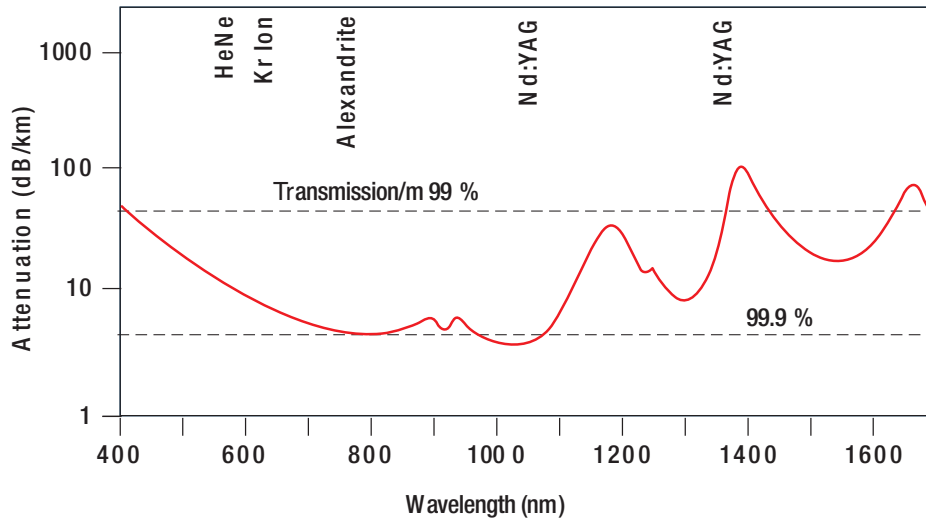
Item #	Core Diameter	Clad Diameter	Coating Diameter	Stripping Tool	Spectral Range
BFL37-200	200 μm ± 2%	230 μm ± 2%	500 μm ± 5%	T12S21	400 to 2200 nm
BFL37-300	300 μm ± 2%	330 μm ± 2%	650 μm ± 5%	T16S31	400 to 2200 nm
BFL37-400	400 μm ± 2%	430 μm ± 2%	730 μm ± 5%	T21S31	400 to 2200 nm
BFL37-600	600 μm ± 2%	630 μm ± 2%	1040 μm ± 5%	T28S46	400 to 2200 nm
BFL37-800	800 μm ± 2%	830 μm ± 2%	1400 μm ± 5%	M37S63	400 to 2200 nm
BFL37-1000	1000 μm ± 2%	1035 μm ± 2%	1400 μm ± 5%	M44S63	400 to 2200 nm
BFL37-1200	1200 μm ± 2%	1240 μm ± 2%	1650 μm ± 5%	M54S76	400 to 2200 nm
BFL37-1500	1500 μm ± 2%	1550 μm ± 2%	2000 μm ± 5%	M63S86	400 to 2200 nm

#### UV to Visible Transmission (High OH, 350 - 1200 nm)

Item #	Core Diameter	Clad Diameter	Coating Diameter	Stripping Tool	Spectral Range
BFH37-200	200 μm ± 2%	230 μm ± 2%	500 μm ± 5%	T12S21	350 to 1200 nm
BFH37-300	300 μm ± 2%	330 μm ± 2%	650 μm ± 5%	T16S31	350 to 1200 nm
BFH37-400	400 μm ± 2%	430 μm ± 2%	730 μm ± 5%	T21S31	350 to 1200 nm
BFH37-600	600 μm ± 2%	630 μm ± 2%	1040 μm ± 5%	T28S46	350 to 1200 nm
BFH37-800	800 μm ± 2%	830 μm ± 2%	1400 μm ± 5%	M37S63	350 to 1200 nm
BFH37-1000	1000 μm ± 2%	1035 μm ± 2%	1400 μm ± 5%	M44S63	350 to 1200 nm
BFH37-1200	1200 μm ± 2%	1240 μm ± 2%	1650 μm ± 5%	M54S76	350 to 1200 nm
BFH37-1500	1500 μm ± 2%	1550 μm ± 2%	2000 μm ± 5%	M63S86	350 to 1200 nm

## Performance Plots

### 0.37 NA Low OH Multimode Fiber



### 0.37 NA High OH Multimode Fiber

