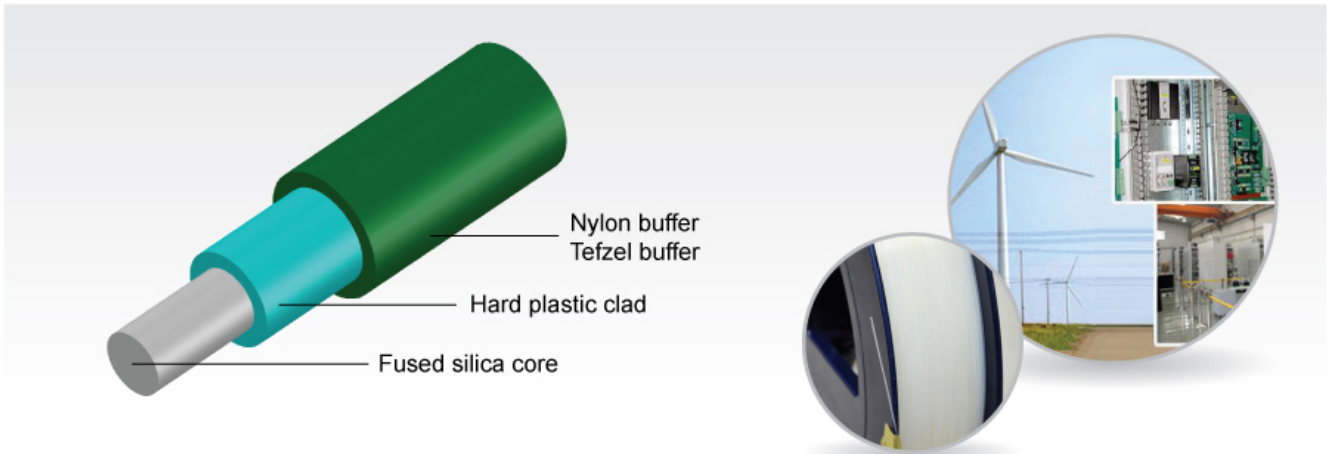


Hard Plastic Clad Fiber (HPCF)

Hard Plastic Clad Fiber (HPCF)



■ Specifications

Fused Silica Core
 Core Sizes: 110 – 1000 μm
 Cladding Sizes: 125 – 1250 μm
 Proof Test: 100kpsi Using 4-Axis Bend Method
 Wavelengths: (PTUF: VIS-UV): 190 nm – 1250 nm
 (PTIF: VIS-IR): 300 nm – 2400 nm
 Numerical Aperture (NA): 0.37 and 0.43
 Coating: Tefzel: -65°C ~ +200°C
 Nylon: -60°C ~ +105°C

■ Typical Applications

Bio-Analytical Sensing,
 Medical Laser
 Dental Curing
 Spectroscopy
 Nuclear Plasma Sensing
 Photodynamic Therapy

Hard Plastic Clad / Tefzel Buffer		Working Temperature: -65 ~ +200°C	
Fiber Type PTIF/PTUF	Core Diameter (μm)	Clad Diameter (μm)	Coating Diameter (μm)
110/125/250HT37	110	125	250
125/140/250HT37	125	140	250
200/230/500HT37	200	230	500
300/330/650HT37	300	330	650
400/430/730HT37	400	430	730
600/630/1040HT37	600	630	1040
800/830/1040HT37	800	830	1040
Hard Plastic Clad / Nylon Buffer		Working Temperature: -60 ~ +105°C	
Fiber Type PTIF/PTUF	Core Diameter (μm)	Clad Diameter (μm)	Coating Diameter (μm)
125/200/400HN37	125	200	400
200/350/500HN37	200	350	500
300/450/650HN37	300	450	650
400/550/850HN37	400	550	850
600/800/950HN37	600	800	950
800/950/1300HN37	800	950	1300
1000/1250/1650 HN37	1000	1250	1650