Solarization Resistant UV Fiber

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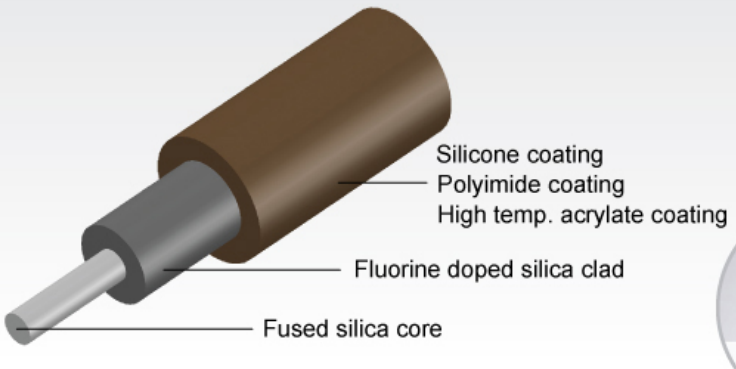

■ Specifications

Fused Silica Core / Fluorine Doped Silica Clad
Core Sizes: 50 – 600 µm
Clad Sizes:110 – 660 µm
Proof Test: 100kpsi Using 4-Axis Bend Method
Wavelengths: (PTBU: VIS-UV): 190 nm – 1250 nm
Numerical Aperture (NA): 0.12, 0.22, 0.26
Coating: Polyimide: -60˚C ~ +350˚C
High Temperature Acrylate: -40˚C ~ +150˚C

■ Typical Applications

Bio-Analytical Sensing
Medical Laser
Aerospace
Defense
Spectroscopy
Nuclear Plasma Sensing
Industrial Laser Systems

High Temperature Acrylate Coating		Working Temperature: −40 ~ +150˚C	
Fiber Type PTBU	Core Diameter (µm)	Clad Diameter (µm)	Coating Diameter (µm)
50/125/250A22	50	125	250
100/140/250A22	100	140	250
105/125/250A22	105	125	250
115/125/250A22	115	125	250
200/220/320A22	200	220	320
230/250/370A22	230	250	370
Polyimide Coating		**Working Temperature: −60 ~ +350˚C**	
Fiber Type PTBU	Core Diameter (µm)	Clad Diameter (µm)	Coating Diameter (µm)
50/125/155P22	50	125	155
100/110/140P22	100	110	140
200/220/250P22	200	220	250
300/330/360P22	300	330	360
400/440/470P22	400	440	470
600/660/690P22	600	660	690