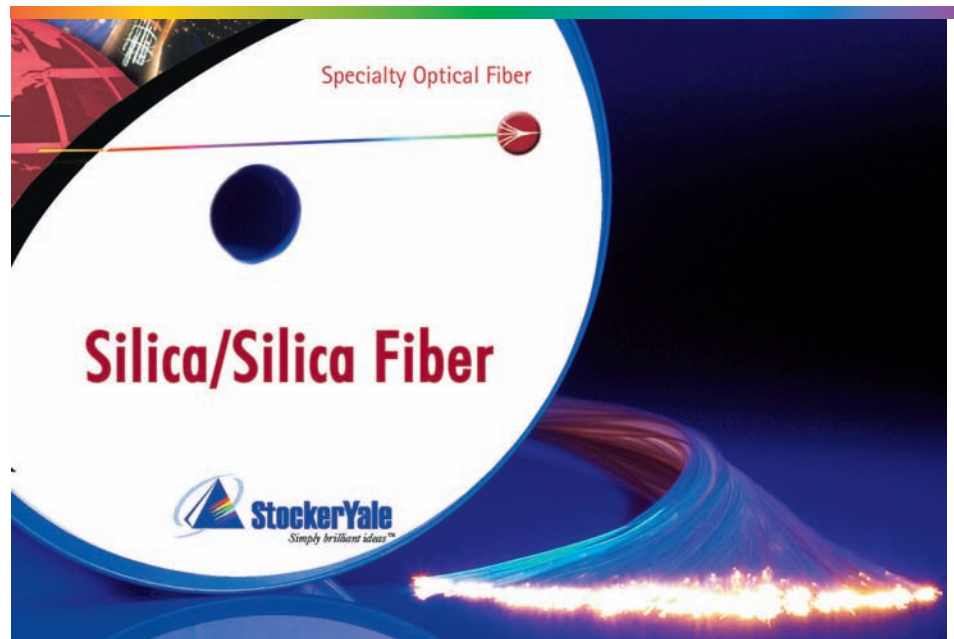


Silica/Silica Step Index Multimode Optical Fiber

SIM-200-220-HOH

FEATURES

- High-OH
- Step index
- Excellent transmission in the UV range
- High radiation resistance to gamma irradiation at 800 nm
- PVC covered monocoil or flexible, interlocking stainless steel protective sheathing available
- Special geometric configurations available upon request



StockerYale' manufactures fused silica fiber for ultraviolet applications. This grade of fiber has a transmission range of 190 nm to 1.6 μm and is ideal for UV microscopy, spectrophotometric studies and photochemical analysis applications.

The Company's fused silica optical fiber is available in either single strand, bundled, or assembled into components depending upon your requirements. A variety of protective, flexible sheathing is available to support a wide range of applications including silicone, PVC covered monocoil and interlocking stainless steel. Standard stainless steel terminations may be engineered to provide threaded ends, right angle tips or custom supplied connectors. Special and custom configurations such as lines, circles and multiple branches are available upon request.

TECHNICAL SPECIFICATIONS

Attenuation Spectrum: 190 nm to 1.6 μm

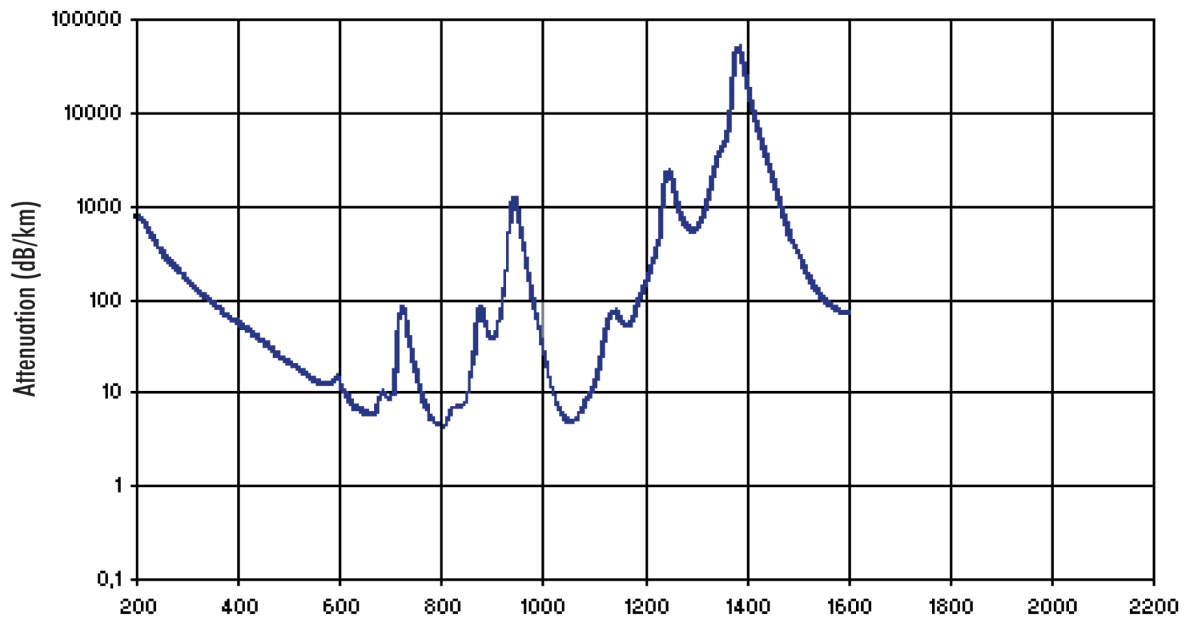
Fiber Specifications:	Core Diameter: $200 \pm 5 \mu\text{m}$
	Cladding Diameter: $220 \pm 5 \mu\text{m}$
	Coating Diameter: $260 \pm 10 \mu\text{m}$
	Coating Type: Acrylate
	Numerical Aperture: 0.22
	Temperature Rating: -40 to 85°C

Fiber Type

High, OH, Step Index
Multimode

Characteristics

- Superior radiation resistance
- UV-VIS-IR transmission
- High laser damage threshold



For more information contact us at opticalsales@stockeryale.com or call a sales representative at **(603) 870-8286**.



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