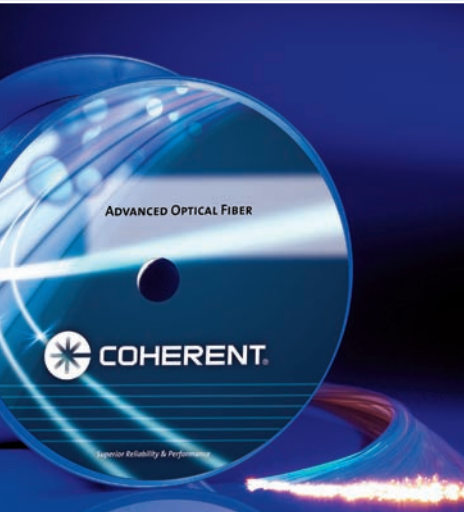




Near UV-VIS Silica Core Fiber

NUV-320-K1



Features

- Excellent geometric specifications
- Designed for single-mode operation in the near UV-visible wavelength range
- Available in 125 μm clad diameter

Applications

- Fiber optic probes
- Fiber Coupled Helium Cadmium Lasers

Technical Specifications

Product Code	NUV-320-K1
Operating Wavelength (nm)	320 to 450
Cut-off Wavelength (nm)	<300
Numerical Aperture (nominal)	0.12
Attenuation at 320 nm (dB/km)	≤ 200
Attenuation at 400 nm (dB/km)	<70
Cladding Diameter (μm)	125 ± 1
Coating Diameter (acrylate) (μm)	245 ± 10
Proof Test Level (kpsi)	100
Coating Material	UV-cured dual acrylate

Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice.

Coherent's scientific and industrial lasers are certified to comply with the Federal Regulations (21 CFR Subchapter J) as administered by the Center for Devices and Radiological Health on all systems ordered for shipment after August 2, 1976.

Coherent offers a limited warranty for all near UV-VIS silica core fibers. For full details of this warranty coverage, please refer to the Service section at www.Coherent.com or contact your local Sales or Service Representative.



**Coherent, Inc.,
Corporate Headquarters**
5100 Patrick Henry Drive
Santa Clara, CA 95054

Coherent Salem
32 Hampshire Road
Salem, NH 03079
phone (603) 685-0907
fax (603) 893-5604
e-mail fiber@Coherent.com

Benelux +31 (30) 280 6060
China +86 (10) 6280 0209
France +33 (0)1 6985 5145
Germany +49 (6071) 968 333
Italy +39 (02) 34 530 214
Japan +81 (3) 5635 8700
Korea +82 (2) 460 7900
UK +44 (1353) 658 833