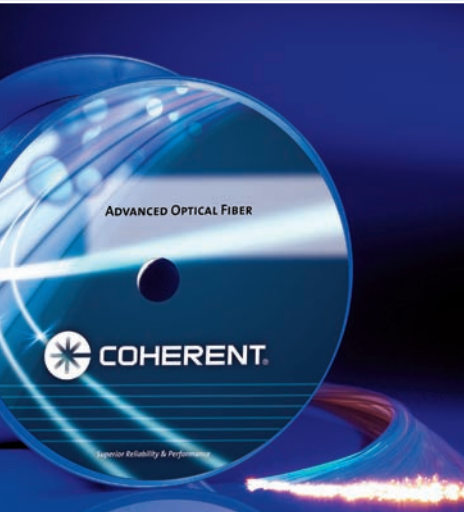




# Select Cut-Off Single-Mode Fiber

SCSM-1060-HP1



## Features

- Excellent geometric specifications
- Optimized for telecommunication wavelengths
- Superior coupling properties
- High strength

## Applications

- Laser diode pigtailed
- Fused fiber couplers
- Component fiber for optical devices

## Technical Specifications

**Product Code** **SCSM-1060-HP1**

Operating Wavelength (nm)	980 to 1600
Cut-off Wavelength (nm)	890 to 950
Mode Field Diameter at 980 nm (μm)	5.4 to 6.4
Mode Field Diameter at 1060 nm (μm)	5.7 to 6.7
Mode Field Diameter at 1550 nm (μm)	9.4 to 10.5
Numerical Aperture (nominal)	0.14
Attenuation at 980 nm (dB/km)	≤2.1
Attenuation at 1060 nm (dB/km)	≤1.5
Bend loss at 1060 nm (25 turns, 13 mm radius)(dB)	<0.001
Cladding Diameter (μm)	125 ±1
Coating Diameter (μm)	245 ±10
Core-clad Concentricity (μm)	<0.5
Proof Test Level (kpsi)	≥200
Coating Material	UV-cured dual acrylate

**Superior Reliability & Performance**

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### SCSM-1060-HP1

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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 select cut-off single-mode fibers. For full details of this warranty coverage, please refer to the Service section at [www.Coherent.com](http://www.Coherent.com) or contact your local Sales or Service Representative.



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