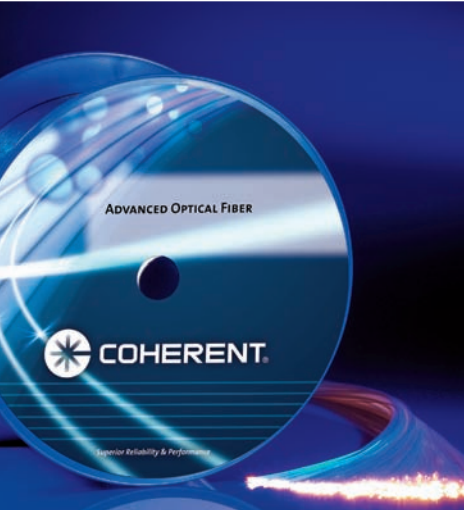




Select Cut-Off Single-Mode Fiber

SCSM-633-HP1



Features

- Exceptional performance for coupling visible red diodes
- Low loss
- Excellent geometric specifications

Applications

- Pigtail fiber for visible red diodes
- Fused fiber couplers
- Component fiber for optical devices

Technical Specifications

Product Code	SCSM-633-HP1
Operating Wavelength (nm)	600 to 760
Cut-off Wavelength (nm)	<600
Mode Field Diameter at 633 nm (μm)	4.0 ±0.5
Numerical Aperture (nominal)	0.13
Attenuation at 633 nm (dB/km)	<12
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

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 or contact your local Sales or Service Representative.



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