

The Lightwave SFS

The Digital Lightwave LW SFS is a safe-viewing fiber scope for fiber connector inspection.

The Digital Lightwave LW SFS™ (Safe-viewing Fiber Scope) eliminates the concerns for eye safety resulting from the reliability and verifiability issues of laser filters—particularly while inspecting connector end-faces.

Rather than an optical system with a laser filter for viewing fiber connectors, this new design utilizes a miniature camera and a state-of-the-art micro-display that achieves the unparalleled clarity and resolution associated with industry leading inspection scopes.

The magnification of the unit is equivalent to 400x (23-degree field of view comparable to 8" monitor viewed at a distance of 20") and provides 600x when its video output is displayed on a 12" monitor.



Lightwave SFS (LW SFS)

The Lightwave SFS

The Lightwave (LW) product series is a comprehensive line of handheld and ultra-compact test equipment for measuring, maintaining, and documenting the physical-layer performance of fiber-optic networks.

Major Features

- Video technology
- No optical path to your eye
- 400x magnification
- Resolves 3/4 micron scratches
- Universal adapter interface with new "pan and lock" centering mount
- NTSC video output
- Energy-saving automatic shutoff

Optical Specifications

Magnification	400x equivalent to 8" monitor for 20" distance, 600x on 12" monitor
Adapter Mount	Thread-on (universal)
Safety Filter	Not required—no optical path to user
Video Output	NTSC

Specifications are subject to change without notice.

General Specifications

Operating Temperature	0° to 50° C
Storage Temperature	-20° to 60° C
Humidity	0 to 90% (non-condensing)
Power Supply	2 AA alkaline batteries, optional AC adapter
Battery Life	10 hours continuous
Indicators	Low battery
Dimensions (H x W x D)	3.5 x 1.5 x 8.5 in (8.9 x 3.8 x 21.6 cm)
Weight	0.94 lb (0.42 kg)



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Ordering Information For feature availability, ordering, and pricing information, call +1 727 442 6677 or visit www.lightwave.com.

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