

Brochure

VIAVI

SmartClass Fiber OLS-85

Inspection-Ready Optical Light Source

The SmartClass™ Fiber OLS-85 handheld light source is a professional, versatile, and compact instrument used for fiber-optic network qualification and certification. Its specific wavelength combinations make it optimal for link loss testing and long-haul, metro, and access telecommunication network characterization, as well as data center and local area network testing.

In addition to providing a full day of battery-operated field use, the SmartClass Fiber OLS-85 is perfect for fixed installations in central offices, production environments, and laboratory workbenches because it can operate via mains with remote-control capabilities via USB 2.0 and Ethernet.

Adding the P5000i fiber inspection microscope to the OLS-85 lets users check fiber end-face quality and get fully automatic pass/fail acceptance results at the push of button.

Combining the VIAVI Solutions OLS-85 Optical Light Source and OLP-85 Optical Power Meter provides the greatest functionality and test automation and avoids handling errors and speeds testing. Automatic functions, such as auto-λ and multi-λ test, send information about the emitted wavelengths to the receiver to automatically set wavelengths on a compatible power meter to accurately measure up to four wavelengths simultaneously. Users can generate and save comprehensive test reports on the OLP-85.

The OLS-85 inspection-ready optical light source can be used anywhere today's fiber technicians go, up poles or down holes. Technicians get ultimate flexibility and performance from this powerful easy-to-use solution that can help any technician become an instant

Key Benefits and Features

- Complete jobs faster, correctly, and on time—the first time—with uniquely integrated fiber inspection and test with auto pass/fail analysis
- Battery-operated field-portable optical light source with up to 4 wavelengths
- 3.5-inch color touch screen with integrated stylus
- Quad version (850, 1300, 1310, 1550 nm) with encircled flux (EF)-compliant launch conditions at 850 nm
- FTTx/PON version with 1310, 1490, 1550, and 1625 nm wavelengths
- Automated pass/fail fiber inspection analysis with the optional P5000i microscope
- Adjustable output level
- Auto-λ and multi-λ test functions communicate with VIAVI power meters
- In-service loss test option
- Rugged, weather-proof design



VIAVI Care Support Plans

Increase your productivity for up to 5 years with optional VIAVI Care Support Plans:

- Maximize your time with on-demand training, priority technical application support and rapid service.
- Maintain your equipment for peak performance at a low, predictable cost.

Plan availability depends on product and region. Not all plans are available for each product or in every region. To find out which VIAVI Care Support Plan options are available for this product in your region, contact your local representative or visit: viavisolutions.com/viavicareplan

Features

*5-year plans only

Plan	Objective	Technical Assistance	Factory Repair	Priority Service	Self-paced Training	5 Year Battery and Bag Coverage	Factory Calibration	Accessory Coverage	Express Loaner
 BronzeCare	Technician Efficiency	Premium	✓	✓	✓				
 SilverCare	Maintenance & Measurement Accuracy	Premium	✓	✓	✓	✓*	✓		
 MaxCare	High Availability	Premium	✓	✓	✓	✓*	✓	✓	✓



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