



SmartClass™ Fiber OLTS-85/85P

Fiber certification has never been this easy!

The Viavi OLTS-85/85P handhelds are the industry's fastest and easiest solutions for tier 1 fiber certification. These latest additions to our popular SmartClass Fiber family let technicians:

- Measure length
- Measure optical loss (two fibers, two wavelengths)
- Check polarity
- Inspect fiber end faces
- Generate certification reports

With SmartClass Fiber devices, technicians get ultimate flexibility and performance from a powerful, easy-to-use solution that can instantly turn any user into a fiber-smart technician. Cut testing and certification time in half and give customers confidence in their network quality at the push of a button with the SmartClass Fiber OLTS-85/85P.

Help Your Technicians Work Fiber Smart!



- Integrate fiber inspection and test for an efficient, easy-to-use solution that promotes best practices for handling fiber
- Automate fiber inspection and Tier 1 loss measurements with pass/fail results that eliminate subjective guesswork
- Store test results, images, and user information from both local and remote units directly to the local device
- Follow best practices with features that incrementally step you through a proper test workflow



Benefits

- Certify network installations faster, correctly, and on time—the first time
- Perform comprehensive Tier 1 fiber testing to industry standards
- Eliminate subjective guesswork with pass/fail analysis results
- Optimize technician efficiency with control from both local and remote units

Features

- Complete Tier 1 fiber testing to TIA/ISO/IEC standards
- Dedicated MM, SM and Quad versions
- Fiber end-face inspection with automated pass/fail analysis on both local and remote devices
- Integrated saving of both local and remote results on the local device
- Encircled flux compliant
- Instant on from sleep mode
- Onboard storage for all test results.
- Easily-generated fiber certification reports
- 3.5" color touch screen
- Exports results via USB or directly to PC via FiberChekPRO™ reporting software
- All-day battery life

Optimize Workflow Efficiency with Time-Saving Features

Achieving optimized performance requires systematic and proactive methods that many technicians find troublesome, confusing, and time consuming. The OLTS-85 overcomes these barriers by integrating essential tools together into a seamless system that is fast, portable, and easy.

- Using the probe microscope and patch-cord microscope helps technicians save valuable time with dedicated inspection capabilities for both the bulkhead and patch cord. Eliminate the need to change tips and cut the time to inspect in half!



- Giving full control of the test set at both the local and remote ends lets users test and save results from either end of the test. This eliminates the need for additional technicians or for constantly walking back-and-forth between local and remote test units.



- Sleep mode saves valuable battery life when the device is not being used. In addition, the instant-activation capability eliminates time-consuming startup cycles that are required with other devices.



Make It Easier to Do Things Right—the First Time

Whether you are installing and certifying a new structured cabling build for your customer or managing your own company's existing network; maintaining best practices is essential to ensure that your fiber infrastructure can support the demands of your data center or enterprise. For this reason, the OLTS-85 is designed with several automated capabilities that empower technicians to work smarter and faster!

- Create and store test setups with all relevant settings—fiber type, cable vendor, connectivity, reference method and limit settings—for easy recall. Save time and ensure consistent settings and results.



- The Input Select key guides users through an incremental step-by-step process that is easy, fast, and ensures that the job is done right the first time.



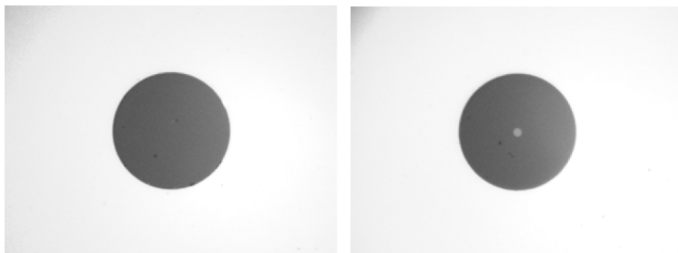
Inspect Fiber End Faces With Pass/Fail Analysis

Contaminated connectors are the #1 cause for troubleshooting in optical networks. This problem has driven the industry and International Electrotechnical Commission (IEC) to release IEC 61300-3-35, a global standard that establishes acceptance criteria for the quality and cleanliness of the fiber connector end face. This standard has been widely adopted and is incorporated into other standards including both TIA-568.3, ISO/IEC 11801.

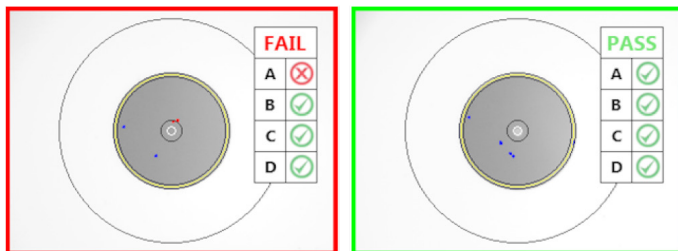
Without the right tools, comparing fiber connectors to a standard or specification is difficult and time consuming; however, these challenges are eliminated with SmartClass Fiber tools. Whether using an industry standard or customer-specific requirements, the OLTS-85 makes it easy!

- Test and certify to industry standards without confusion
- Eliminate subjectivity from the measurement process with automated pass/fail analysis
- Get fast results from both local and remote devices
- Instantly store both local and remote results on the local device
- Integrate results into your certification reports

Which of these connectors meets the IEC spec?



The OLTS-85 gives you the answer:



Generate Certification Reports

- Prove your quality of work
- Save your results for record keeping
- Easily export records to PC
- Print reports or send by email

FiberCheck PRO Fiber Inspection VIAYI

Inspection Date: 10/10/2012 5:27:18 PM
 Company Name: SmartFiber Technicians LLC
 Location: Zone 5
 Operator: Joe SmartFiber

Fiber Information

File Name: FCPRO_V1-3_Report1_OPM.html
 Fiber Type: Simplex
 Job ID: FIBER
 Fiber ID: Panel 1, Port 2
 Comments: PASS

Inspection Summary

Profile Name: SM UPC (IEC-61300-3-35)

Zone	Left Zone	Right Zone
Zone A (0 - 25)	PASS	PASS
Zone B (25 - 120)	PASS	PASS
Zone C (120 - 130)	PASS	PASS
Zone D (130 - 250)	PASS	PASS

Power Measurement

Level	Unit	Wavelength	Frequency	Notes
12.72	dBm	1310		PASS
13.08	dBm	1550		PASS

Low Magnification **High Magnification**

☒ Show Overlays ☒ Show Overlays

Analysis Details

Ordering Information

Description	Part Number
Kits (include local and remote test sets, carry case, and test reference cords)	
Single-mode tier 1 optical loss test kit	2325/31
Multimode tier 1 optical loss test kit	2325/34
Quad tier 1 optical loss test kit	2325/35
Quad tier 1 optical loss test kit with patch cord microscopes	2326/35
Individual Test Sets (include local test set, battery, and charger)	
Single-mode optical loss test set	2325/11
Multimode optical loss test set	2325/14
Quad optical loss test set	2325/15
Quad optical loss test set with patch cord microscope	2326/15
Recommended Accessories	
P5000i digital inspection probe with four tips	FBP-SD101

Visit www.viavisolutions.com for more information, vendor endorsements, and product videos.



OLTS-85



OLTS-85P



OLTS-85P quad connectors



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