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SmartClass™ Fiber Handheld Solutions

Inspect, test, save, and certify with one compact device



Key Benefits

- Complete jobs faster, correctly, and on time—the first time
- Eliminate subjective guesswork with pass/fail analysis results
- Easily generate certification reports
- Flexibility for use anywhere!

Applications

- Provide certification reports with pass/fail fiber connectivity analysis
- Standardize fiber inspection, analysis, and testing methods throughout the fiber network
- Install, test, and maintain fiber systems where portability is essential, such as in FTTX, BPON/EPON/GPON, FTTA, and data centers

Key Features

- Automated pass/fail analysis for fiber inspection and test
- Store all fiber inspection and test results on board
- Easily generate fiber certification reports
- 3.5" color touch screen user interface

Optical fiber is the lifeline in today's networks, therefore, fiber technicians must follow best practices and be able to prove the quality of their work by certifying the network's speed which to build confidence with providers. The new SmartClass Fiber Family of optical handheld tools integrate automatic pass/fail certification for inspecting fiber and measuring optical power with one portable device.

SmartClass Fiber devices give technicians ultimate flexibility and performance in one powerful, easy-to-use device that instantly turns them into *fiber-smart technicians*.

Cut testing and certification time in half and give customers confidence in their network quality at the push of a button with SmartClass Fiber Handheld solutions.

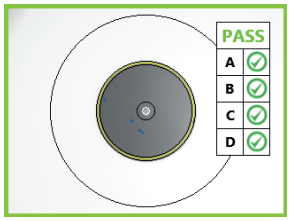
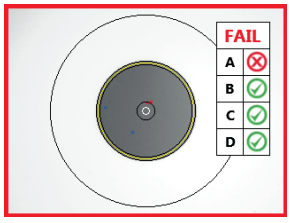
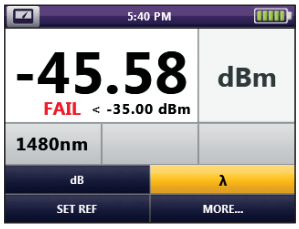
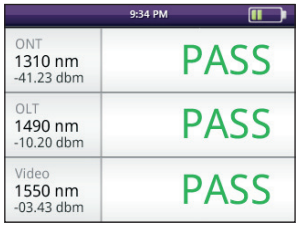
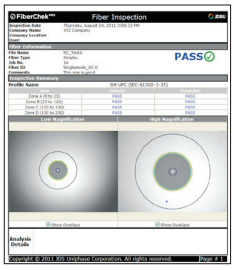
Help technicians work *fiber smart*

- **Integrate** fiber inspection and test into one efficient, easy-to-use solution that promotes fiber-handling best practices.
- **Automate** fiber inspection and optical power measurement with pass/fail results that eliminate subjective guesswork.
- **Store** test results, images, and user information directly on the device.
- **Follow best practices** with features that incrementally step users through a proper test workflow.



JDSU

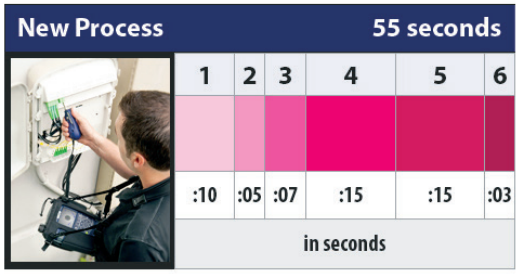
Inspect, test, save, and certify...on one compact device

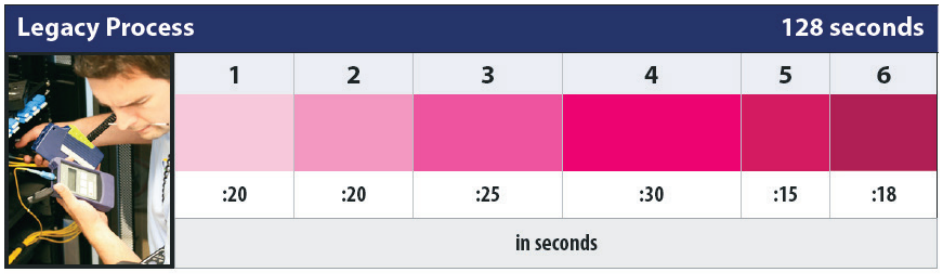
Inspect	Test	Save and Certify
 	Broadband power meter (OLP-82)  PON power meter (OLP-87) 	Save results on board  Generate certification reports 
Inspect to industry specifications, such as IEC-61300-3-35, without subjective guesswork. Generate automated pass/fail results at the push of a button.	Accurately measure optical power for multiple wavelengths, program pass/fail thresholds, set reference measurements, create custom wavelengths, and link OPM readings to inspection results.	Build customer confidence in work quality with inspection and measurement results you can store on the SmartClass fiber device then later connect to a PC to export the results and generate certification reports.

Finish jobs in half the time

Achieving optimized performance requires systematic, proactive methods that many technicians find troublesome and confusing. SmartClass Fiber tools overcome these barriers with essential tools integrated together into a seamless system that is fast, portable, and easy to use.

	Steps
1	Inspect patch cord
2	Clean, re-inspect, and save image of the patch cord
3	Inspect bulkhead port
4	Clean, re-inspect, and save image of the bulkhead
5	Measure optical power and save data
6	Move to next port

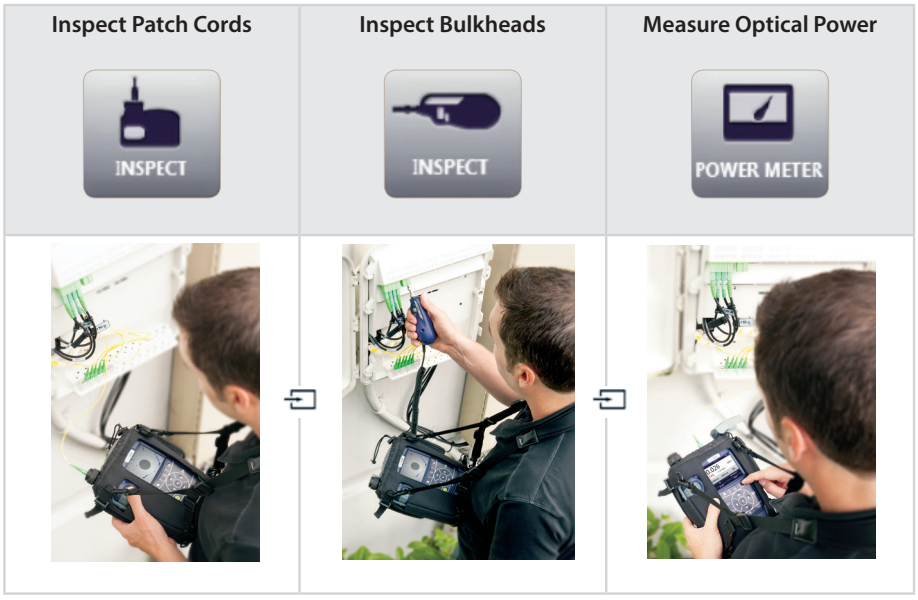




Drive user behavior for best practices

Every SmartClass Fiber device features an input select key that incrementally steps users through each application as it *should* be used in a proper test workflow. This feature is highly valuable for users of any skill level and guides users with a simple step-by-step repeatable process that is easy to follow and ensures jobs are done right, the *first* time.

- Guides users through a proper test workflow with a simple step-by-step repeatable process that is easy to follow
- Ensures jobs are done right, the *first* time
- Drives user behavior to ensure best practices



Inspect fiber end faces with pass/fail analysis

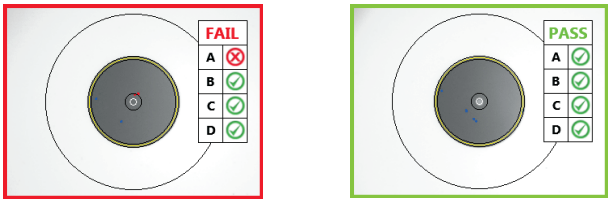
Contaminated connectors are the primary cause for troubleshooting in optical networks which drove the industry and International Electrotechnical Commission (IEC) to release IEC 61300-3-35, a global standard that establishes acceptance criteria for the quality and cleanliness of the fiber connector end face. Comparing fiber connectors to a standard or specification is difficult and time-consuming without the proper tools; however, SmartClass Fiber tools eliminate these challenges. Regardless of the standard or customer-specific requirements, users can easily inspect and certify fiber connector end faces with automated pass/fail analysis at the push of a button.

- Test to specifications without confusion
- Get fast results at the push of a button
- Certify compliance to the industry standard (IEC) or to customer specifications
- Eliminate subjectivity from the measurement process with automated pass/fail analysis

Which of these connectors meets the IEC Spec?

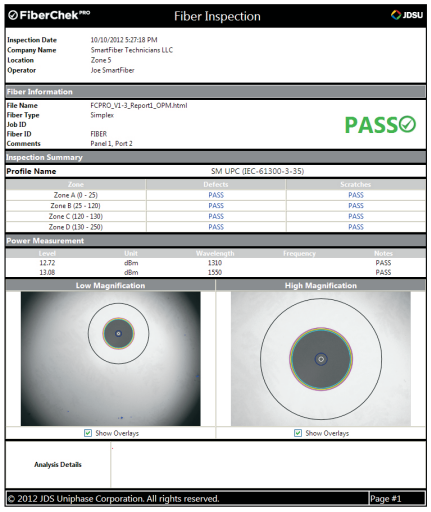


SmartClass Fiber tools provide the answer.



Generate Certification Reports

- Prove work quality.
- Save results for easy recordkeeping.
- Easily export records to PC.
- Print reports or send by e-mail.



Use it anywhere

The hands-free carrier for SmartClass Fiber tools lets technicians take the device wherever the job takes them.

- Demarcation points
- Cell towers
- Telephone poles
- Inside homes





Ordering Information

Stand-Alone Units

OLP-87

Part Number	Description
2305/01	OLP-87 FTTx Power Meter 1310/1490 nm, PC
2305/21	OLP-87 FTTx Power Meter 1310/1490 nm, APC
2305/26	OLP-87 FTTx Power Meter 1310/1490 nm, SC-APC
2305/11	OLP-87 FTTx Power Meter 1310/1490/1550 nm, PC
2305/31	OLP-87 FTTx Power Meter 1310/1490/1550 nm, APC
2305/36	OLP-87 FTTx Power Meter 1310/1490/1550 nm, SC-APC

OLP-82

FBP-HD4i	HD4i Digital Handheld Video Display
FBP-HD4iP	HD4iP Digital Handheld Video Display, Dual-Mag Patch Cord Module
2315/01	OLP-82 Digital Handheld Video Display, Integrated Optical Power Meter
2315/03	OLP-82 Digital Handheld Video Display, Integrated High-Power Optical Power Meter
2316/01	OLP-82P Digital Handheld Video Display, Dual-Mag Patch Cord Module, Integrated OPM
2316/03	OLP-82P Digital Handheld Video Display, Dual-Mag Patch Cord Module, Integrated High-Power OPM

Kits

OLP-87

Part Number	Description
FIT-8726	OLP-87 1310/1490 SC-APC Basic Kit
FIT-8726-PRO	OLP-87 1310/1490 SC-APC Pro Kit
FIT-8736	OLP-87 1310/1490/1550 SC-APC Basic Kit
FIT-8736-PRO	OLP-87 1310/1490/1550 SC-APC Pro Kit

OLP-82

FBP-SD4i	HD4i Basic Kit
FBP-SD4i-PRO	HD4i Pro Kit
FBP-SD4iP	HD4iP Basic Kit
FBP-SD4iP-PRO	HD4iP Pro Kit
FIT-8201	OLP-82 Basic Kit
FIT-8201-PRO	OLP-82 Pro Kit
FIT-82P01	OLP-82P Basic Kit
FIT-82P01-PRO	OLP-82P Pro Kit
FIT-82P03	OLP-82P High Power Basic Kit
FIT-82P03-PRO	OLP-82P High Power Pro Kit

JDSU SmartClass Fiber Solutions



HD4i Series
Digital Video Display



OLP-82 Series
Optical Power Meter with Digital Video Display



OLP-87 Series
PON Power Meter with Digital Video Display

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Gold-standard solutions

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We buy equipment

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