

A hand is holding a blue fiber inspection probe microscope, which is being used to inspect a fiber optic port on a network switch. The probe's lens is positioned over the port, and a small screen on the device displays a magnified view of the fiber end-face. The background shows a network switch panel with several fiber ports, some of which are connected with blue fiber optic cables. The overall scene is set against a dark background, with a blue and purple gradient overlay on the left and top right.

VIAVI

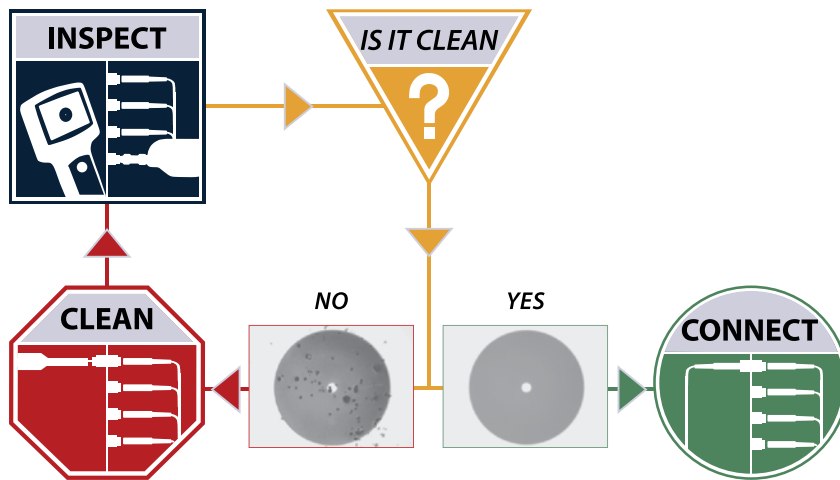
VIAVI Solutions

VIAVI

Fiber Inspection Probe Microscopes

Make your job easier,
faster, cleaner.

Inspect Before You Connect™



Contamination — The #1 Reason for Fiber Network Failures

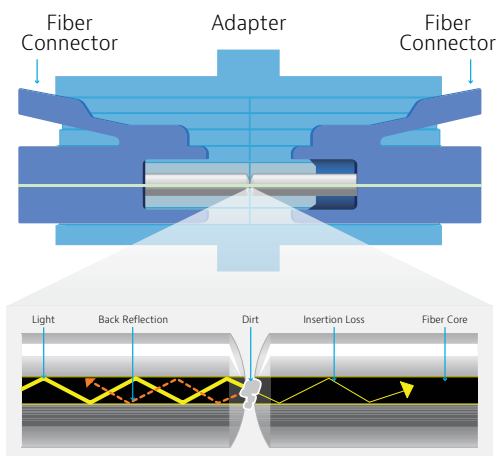
- Dirty connectors cause 80% of field test failures
- Microscopic debris degrades signal performance and can cause permanent damage to connectors and the equipment they are plugged into
- Mating dirty connectors can break apart debris, spreading it across the fiber end face

For more resources visit

viavisolutions.com/inspect

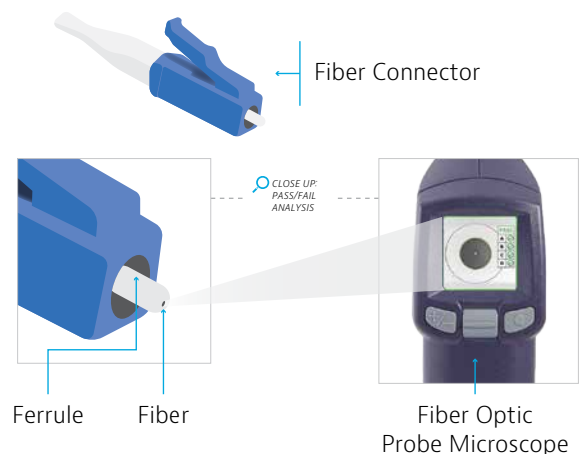


Don't Be One-Sided



Inspecting BOTH sides of the fiber connection is the only way to ensure that it will be free of contamination and defects, and prevents cross-contamination.. VIAVI fiber optic probe microscopes allow inspection of both male and female optical connectors.

See What You're Missing



Debris on an end face is typically 2 - 20µm and can only be seen with a fiber optic probe microscope.

VIAVI offers a comprehensive line of probe microscopes for every application and budget.

Inspection Solutions for Every Application

From new installation certification to troubleshooting, VIAVI probe microscopes eliminate subjectivity and guesswork with intuitive and reliable inspection solutions.

- Automated pass/fail analysis
- Test to IEC-61300-3-35 standards or customer-specific requirements
- Dual-magnification (200/400x) inspection functionality
- Generate detailed certification reports

FiberChek Probe

The industry-leading, one-button FiberChek Probe delivers a reliable, fully autonomous, handheld inspection solution for every fiber technician.

P5000i Probe

This easy-to-use, automated fiber inspection and analysis probe provides pass/fail capability to PCs, laptops, mobile devices and VIAVI test solutions.

SmartClass Fiber Solutions

This family of intelligent fiber inspection solutions delivers flexibility and improves performance by integrating fiber inspection with other essential test capabilities.

Optimize Workflow Productivity

Eliminate the hassle of manually adjusting controls to focus, scan, or count which fiber you're testing. Turn minutes into seconds for testing each connector.

FiberChek Sidewinder

Building on the innovation of the FiberChek probe, Sidewinder provides a fast, easy solution for inspecting multi-fiber connector end faces. With 100% autonomous operation, technicians of any skill level have everything they need to inspect MPO cables faster than ever.

FiberChek Sidewinder is the fastest and easiest MPO inspection solution there is. Simply insert it into the bulkhead, press a button, and the Sidewinder will provide automatic results for all 12 MPO fibers in fewer than 12 seconds!

Legacy MPO Inspection Process

Step	Time
Focus Image	0:04
Scroll/Pan to fiber	0:04
Test	0:03
Save	0:02
TOTAL (1 fiber)	0:13
TOTAL (12 fibers)	2:36

Test Time for 100 MPO Connectors
4.3 hours

vs.

Sidewinder MPO Inspection Process

Step	Time
Focus Image	0:01
Scroll/Pan to fiber	0:05
Test	0:05
Save	0:01
TOTAL (12 fibers)	0:12

Test Time for 100 MPO Connectors
< 20 minutes





Features & Capabilities	FiberChek Probe	FiberChek Sidewinder	P5000i Probe	SmartClass Fiber Solutions
Dual (200/400x) magnification inspection of fiber end faces	■	■	■	■
Automatic pass/fail analysis to industry standards or custom requirements	■	■	■	■
Auto-center	■	■	■	■
Auto-focus	■	■	■	■
Automatic report generation	■	■	■	■
Compatible with mobile devices	■	■	■	■
On-board storage	■	■	■	■
Fully autonomous operation	■	■	■	■
Integrated display	■	■	■	■
Wireless operation	■	■	■	■
MPO pass/fail analysis	1 Test = 1 fiber	1 Test = ALL fibers	1 Test = 1 fiber	1 Test = 1 fiber
Dedicated patch cord inspection microscope				Optional

Tips & Accessories

Inspect every fiber connector in any application

VIAVI Solutions offers a comprehensive set of fiber inspection tips and adapters so you can Inspect Before You Connect™ any connector, and work clean in every application.

[Fiber Inspection Tips and Adapters Guide](#)



Mobile Device Integration

Mobile devices are essential for technicians to do their jobs effectively. With FiberChekMOBILE, techs can inspect end-face quality, measure optical power, and certify fiber connectors to industry standards from their mobile device.



FiberChekMOBILE™

Available for both iOS and Android devices as a free download, FiberChekMOBILE integrates with VIAVI inspection solutions, giving users several additional capabilities.

- Manage and recall stored results
- View live images and operate controls from the mobile device
- Export results from probe microscopes to FiberChekMOBILE
- Generate certification reports
- Share results and reports via e-mail or cloud storage
- GPS tag the location of each test
- Input test information via full keyboard or voice-to-text dictation



Award-Winning Innovation





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