

# Fiber Inspection Probe Microscopes

Make your job easier, faster, cleaner.





# INSPECTION SOLUTIONS FOR EVERY APPLICATION

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

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

## **INX 760 Probe**

Elevating fiber inspection: faster, simpler, stronger, and smarter. Automated simplex, duplex and multifiber connector inspection and analysis.

## **INX 660 Probe**

Bringing the power of the INX to single fiber inspection with automated simplex connector inspection and analysis.

## **FiberChek Probe**

The 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.



| Features and Capabilities   | INX 760 Probe | INX 660 Probe         | FiberChek Probe       | P5000i Probe          | SmartClass Fiber Solutions |
|---|---------------|-----------------------|-----------------------|-----------------------|----------------------------|
| Dual magnification inspection of fiber end faces                          | ■             | ■                     | ■                     | ■                     | ■                          |
| Automatic pass/fail analysis to industry standards or custom requirements | ■             | ■                     | ■                     | ■                     | ■                          |
| Auto-center   | ■             | ■                     | ■                     | ■                     | ■                          |
| Auto-focus  | ■             | ■                     | ■                     |                       |                            |
| On-board storage  | ■             | ■                     | ■                     |                       | ■                          |
| Integrated display  | ■             | ■                     | ■                     |                       | ■                          |
| Wireless operation  | ■             | ■                     | ■                     |                       |                            |
| Simplex inspection  | Automatic     | Automatic             | Automatic             | Semi-Auto             | Semi-Auto                  |
| Duplex inspection   | Automatic     | Manual (1 fiber/test) | Manual (1 fiber/test) | Manual (1 fiber/test) | Manual (1 fiber/test)      |
| Multifiber inspection   | Automatic     | Semi-Auto             | Manual (1 fiber/test) | Manual (1 fiber/test) | Manual (1 fiber/test)      |
| Dedicated patch cord inspection microscope                                |               |                       |                       |                       | Optional                   |



# TIPS AND ACCESSORIES

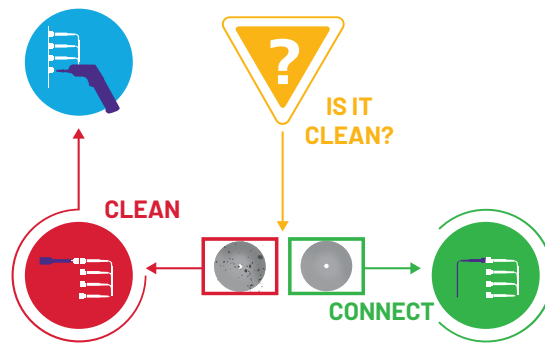
VIAVI Solutions offers a comprehensive set of fiber inspection tips and adapters so you can Inspect Before You Connect™ any connector, and work clean in every application.



[Fiber Inspection Tips  
and Adapters Guide](#)



# INSPECT BEFORE YOU CONNECT™



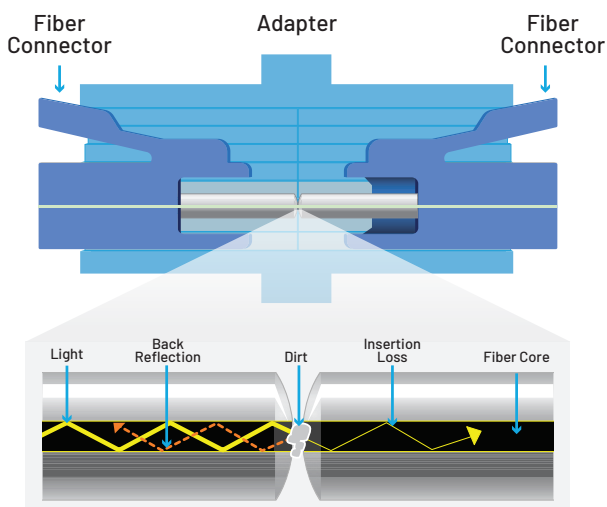
## Contamination – The #1 Reason for Fiber Network Failures

- 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  
[viaivolutions.com/inspect](https://viaivolutions.com/inspect)

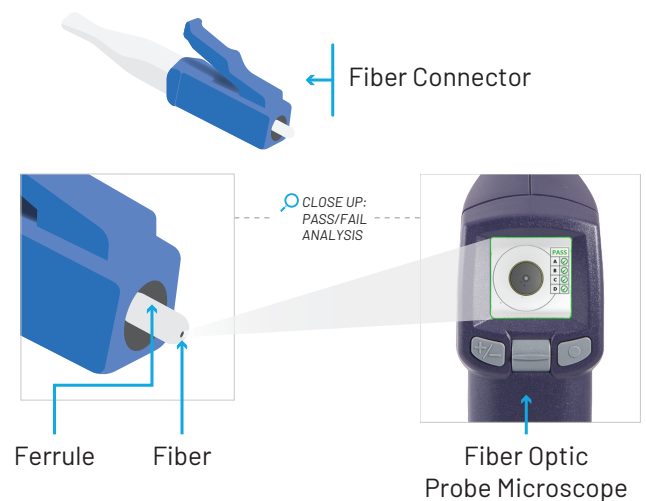


## Don't Be One-Sided



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 - 20  $\mu\text{m}$  and can only be seen with a fiber optic probe microscope.

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



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To reach the VIAVI office nearest you, visit [viavisolutions.com/contact](https://viavisolutions.com/contact)

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