



FBE Probe Microscope

Handheld Analog Video Probe Microscope for Basic Fiber Inspection

The Viavi Solutions Westover FBE-series probe microscopes serve as portable analog video microscopes for inspecting fiber optic connectivity. While most fiber microscopes can only inspect male connectors, such as patch cords or pigtails, the Viavi FBE probe inspects both male (patch cord) and female (bulkhead) ends of an optical interconnect. The probe fits and operates comfortably and easily in-hand, letting users inspect hard-to-reach connectors that are installed on the backside of patch panels or inside hardware devices. This eliminates the need to access the backside of patch panels or disassemble hardware devices prior to inspection.

Key Features

- Ergonomic, compact design and controls for easy one-hand operation
- Large selection of precision inspection tips and adapters for inspecting common connectors and applications
- Economic, effective, and rugged for mainstream applications
- Provides crisp, clear view of fiber end face conditions
- Hardwired to HD-series displays

Applications

- Inspect both the bulkhead (female) and patch cord (male) sides of fiber interconnects
- Inspect simplex and ribbon (multi-fiber) connectors
- Promote proper fiber handling workflow and practice



Bulkhead Inspection

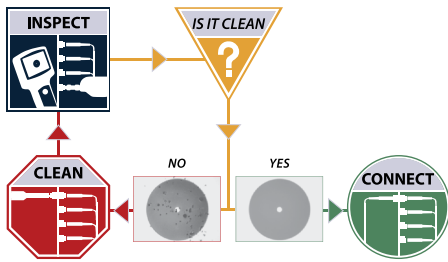


Patch Cord Inspection

FBET Inspection Tips and Adapters

The Viavi interchangeable precision stainless-steel FBET inspection tips enable inspection of every common mainstream connector type and application. They are carefully designed and engineered for consistent and accurate inspection of fiber end face conditions, and their unique optics architecture provides true versatility and adaptability.

Inspect Before You ConnectSM



Contamination is the number 1 reason for troubleshooting optical networks. Proactive inspection and cleaning of fiber connectors can prevent poor signal performance, equipment damage, and network downtime.



Wide selection of inspection tips and adapters for mainstream connectors and applications



FBE Probe with HD3-P Display

Specifications

Dimensions	46 x 43 x 140 mm (1.8 x 1.7 x 5.5 in)
Weight	180 g (6.35 oz)
Optical magnification	200X or 400X
Connector type	Hardwired to display
Camera type	1/3-inch CMOS
Light source	Blue LED, internal to probe, 100,000+ hours
Lighting technique	Coaxial
Focus control	Adjustable, in-probe
Power source	Display device, USB port
Horizontal field-of-view (FOV) (200X)	550 μ m
Horizontal FOV (400X)	350 μ m
Warranty	1 yr

Ordering Information

Description	Part Number
KIT: Video inspection probe microscope (200X); hardwired to HD2 display; interchangeable FBET inspection tips (4) in soft case: SC and LC bulkhead tips, Universal 2.5 mm and 1.25 mm patch cord tips; soft-sided carrying case	FBE-SO1
KIT: Video inspection probe microscope (200X); hardwired to HD2 display; interchangeable FBET inspection tips (4) in soft case: SC and LC bulkhead tips, Universal 2.5 mm and 1.25 mm patch cord tips; soft-sided carrying case; EU power supply	FBE-SO1-EU
KIT: Video inspection probe microscope (400X); hardwired to HD2 display; interchangeable FBET inspection tips (4) in soft case: SC and LC bulkhead tips, Universal 2.5 mm and 1.25 mm patch cord tips; soft-sided carrying case	FBE-SO2
KIT: Video inspection probe microscope (400X); hardwired to HD2 display; interchangeable FBET inspection tips (4) in soft case: SC and LC bulkhead tips, Universal 2.5 mm and 1.25 mm patch cord tips; soft-sided carrying case; EU power supply	FBE-SO2-EU
KIT: Video inspection probe microscope (200X); hardwired to HD3 display; interchangeable FBET inspection tips (4) in soft case: SC and LC bulkhead tips, Universal 2.5 mm and 1.25 mm patch cord tips; soft-sided carrying case	FBE-SM1
KIT: Video inspection probe microscope (200X); hardwired to HD3 display; interchangeable FBET inspection tips (4) in soft case: SC and LC bulkhead tips, Universal 2.5 mm and 1.25 mm patch cord tips; soft-sided carrying case; EU power supply	FBE-SM1-EU
KIT: Video inspection probe microscope (400X); hardwired to HD3 display; interchangeable FBET inspection tips (4) in soft case: SC and LC bulkhead tips, Universal 2.5 mm and 1.25 mm patch cord tips; soft-sided carrying case	FBE-SM2
KIT: Video inspection probe microscope (400X); hardwired to HD3 display; interchangeable FBET inspection tips (4) in soft case: SC and LC bulkhead tips, Universal 2.5 mm and 1.25 mm patch cord tips; soft-sided carrying case; EU power supply	FBE-SM2-EU
KIT: Video inspection probe microscope (400X); hardwired to HD3-P display with integrated patch cord microscope; interchangeable FBET inspection tips (2) in soft case: SC and LC bulkhead; interchangeable FMAE adapters (2): Universal 2.5 mm and 1.25 mm patch cord adapters; soft-sided carrying case	FBE-SM5



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To reach the Viavi office nearest you,
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