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Data Sheet

August 13, 2026

JDSU

JDSU FBP-P105 Video inspection QuickCapture probe microscope, NTSC, 200X, 6-pin out w/o USB

The JDSU FBP-P105 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features NTSC video output, a 200X magnification lens, and a 6-pin output connector. This model does not include USB connectivity.



MODEL

JDSU FBP-P105

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-P105

LISTING

<https://aumictechlabs.com/products/fbp-p105-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDSU FBP-P105 is a video inspection probe microscope engineered for high-resolution examination of fiber optic connector end faces. It delivers 200X optical magnification through a 1/3-inch CMOS camera paired with internal blue LED coaxial illumination, enabling detailed visualization of both simplex and multi-fiber connectors. The probe outputs NTSC video in real time and features an integrated QuickCapture button for immediate image capture. Manual focus adjustment is performed in-probe for precise clarity. Weighing 180 g (6.35 oz) and measuring 46 × 43 × 140 mm, the FBP-P105 works with one-hand operation in confined spaces and hard-to-reach panel locations. The blue LED light source is rated for 100,000+ hours of operation. This model connects via a 6-pin Hirose connector (without USB integration) and operates from power

supplied by compatible display devices or USB modules. The horizontal field-of-view at 200X magnification is 550 μm , enabling inspection of male patch cord connectors, female bulkhead connectors, and ribbon assemblies.

Technical Specifications

Magnification: 200X

optical Camera: 1/3-inch CMOS sensor

Video Output: NTSC

Light Source: Blue LED, coaxial, 100,000+ hour lifespan

Field-of-View (horizontal @ 200X): 550 μm

Focus Control: Manual, adjustable in-probe

Dimensions: 46 × 43 × 140 mm (1.8 × 1.7 × 5.5 in)

Weight: 180 g (6.35 oz)

Probe Connector: 6-pin Hirose (without USB)

Key Features

- QuickCapture button for instant image acquisition
- Coaxial LED illumination for glare-free end-face inspection
- Ergonomic handheld probe design
- In-probe manual focus mechanism
- 550 μm horizontal FOV at 200X magnification

Typical Applications

- Fiber optic connector inspection in telecommunications
- End-face contamination and defect detection
- Quality assurance in patch panel installations
- Field maintenance and troubleshooting

Compatibility & Integration

- Compatible with JDSU/Viavi display platforms including T-BERD/MTS systems
- Supports inspection of simplex and multi-fiber ribbon connectors
- Male and female connector compatibility
- Requires appropriate inspection tips and adapters for specific connector types
- Powered by compatible display devices or external USB modules

Features & description

From manufacturer datasheet

Features

- QuickCapture image button on probe
- Single 200X magnification NTSC
- 6-pin Hirose output; no USB on probe
- Barrel assembly included
- Coaxial blue LED; in-probe focus
- Interchangeable FBPT precision tips (250+ ecosystem)
- Compatible with JDSU HP/HD class displays and converters
- Cord length about 240 cm (family manuals)

FBPP105 Characteristics / Specifications

PARAMETER	VALUE
Model	FBP-P105
Manufacturer	JDSU (Westover)
Instrument Type	Fiber inspection probe microscope (QuickCapture)
Alias	FBP-P105; JDSU FBP-P105; Westover FBP-P105
Optical magnification	200X
Video format	NTSC
Output connector	6-pin Hirose
USB on probe	no
QuickCapture button	yes
Barrel assembly included	yes
Camera	1/3-in CMOS
Light source	blue LED, internal
LED life	100000+ hours
Lighting technique	coaxial
Focus control	adjustable, in-probe
Power source	display device / USB port (configuration-dependent)
Horizontal FOV at 200X	550 um
Dimensions	46 × 43 × 140 mm (1.8 × 1.7 × 5.5 in)
Weight	180 g (6.35 oz)
Cord length class	about 240 cm (family manuals)
Warranty class	1 year (family datasheet)
Tip ecosystem	FBPT precision tips / RibbonDrive
Magnification control	single (no dual-mag switch)
Connector family	6-pin Hirose QuickCapture class Notes Specs from JDSU FBP Probe Microscope data sheet ordering row FBP-P105 (NTSC, 200X, 6-pin, w/o USB). Confirm included FBPT tips and display cable on the unit.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes
Specs from JDSU FBP Probe Microscope data sheet ordering row FBP-P105 (NTSC, 200X, 6-pin, w/o USB). Confirm included FBPT tips and display cable on the unit.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.