

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

JDSU

JDSU FBP-PX200 Video inspection QuickCapture probe microscope, PAL, 200X, 6-pin out w/o USB/barrel

The JDSU FBP-PX200 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features a PAL video output, 200X magnification, and a 6-pin connector. QuickCapture capability allows for easy image capture and documentation of fiber end-face conditions. Without USB/barrel.



MODEL

JDSU FBP-PX200

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-PX200

LISTING

<https://aumictechlabs.com/products/fbp-px200-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDSU FBP-PX200 is a handheld video inspection probe microscope engineered for high-resolution examination of fiber optic connector end-faces. It delivers 200X magnification with a 1/3-inch CMOS sensor and blue coaxial LED illumination to reveal fiber condition details with precision. The probe outputs PAL analog video through a 6-pin Hirose connector and integrates a QuickCapture button for single-handed image acquisition. This configuration ships without USB or barrel connector, making it ideal for integration with dedicated JDSU optical test displays or third-party analog-to-digital conversion systems. Technical Specifications Magnification: 200X Horizontal Field-of-View: 550 μ m at 200X Camera Type: 1/3-inch CMOS Light Source: Blue LED,

coaxial, internal to probe LED Life: 100,000+ hours Video Output: PAL analog Connector: 6-pin Hirose (power and video) Focus Control: Adjustable, in-probe Dimensions: 46 × 43 × 140 mm (1.8 × 1.7 × 5.5 in) Weight: 180 g (6.35 oz) Key Features QuickCapture™ Button: Mounted on probe body for instant capture without removing hand Integrated Focus Adjustment: Precision manual focus for connector end-face alignment Coaxial Illumination: Eliminates shadow artifacts and provides uniform fiber end-face lighting Extended LED Life: 100,000+ hours minimizes maintenance cycles in field deployment Typical Applications Inspection of bulkhead (female) and patch cord (male) connector end-faces Simplex and multi-fiber (ribbon) connector examination Field verification of fiber interconnect quality Documentation of connector cleanliness and defects Compatibility & Integration Designed for use with JDSU optical test units and compatible display devices. Connects to PC or laptop systems via compatible analog-to-digital converter modules. The 6-pin Hirose connector carries both video and power signals, enabling flexible integration into existing test benches and portable inspection kits.

Features & description

From manufacturer datasheet

Features

- Coaxial blue LED illumination for crisp end-face contrast
- In-probe focus control for one-hand operation
- Interchangeable FBPT precision tips (250+ tip/adaptor ecosystem)
- Compatible with JDSU HP3 / HD3 class displays and USB converters
- QuickCapture image button on probe
- Shipped without barrel assembly (PX configuration)
- Ergonomic handheld form for backside panel work

Applications

- Inspect bulkhead (female) fiber adapters in patch panels
- Inspect patch cord (male) connectors before mate
- Inspect transceiver and hard-to-reach optical device ports
- Multi-fiber / ribbon inspection with RibbonDrive FBPT tips
- Field and central-office fiber interconnect quality control

FBPPX200 Characteristics / Specifications

PARAMETER	VALUE
Model	FBP-PX200
Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-PX200; JDSU FBP-PX200; Westover FBP-PX200
Optical magnification	200X
Video format	PAL
Output connector	6-pin Hirose
USB on probe	no
Barrel assembly included	no
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
Horizontal FOV at 400X	350 um
Dimensions	46 × 43 × 140 mm
Weight	180 g
Warranty class	1 year (family datasheet) Notes Specs from JDSU FBP Probe Microscope data sheet (FBP-PX200 ordering row). Confirm included FBPT tips and display cable on the unit.

FBPPX200 Specifications

PARAMETER	VALUE
Key Features	- Coaxial blue LED illumination for crisp end-face contrast
Technical Specifications	Model: FBP-PX200
Notes	Specs from JDSU FBP Probe Microscope data sheet (FBP-PX200 ordering row). 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

Specifications

PARAMETER	VALUE
Model	FBP-PX200
Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-PX200; JDSU FBP-PX200; Westover FBP-PX200

Specifications

PARAMETER	VALUE
Optical magnification	200X
Video format	PAL
Output connector	6-pin Hirose
USB on probe	no
Barrel assembly included	no
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
Horizontal FOV at 400X	350 um
Dimensions	46 x 43 x 140 mm
Weight	180 g

Warranty class: 1 year (family datasheet)

Notes

Specs from JDSU FBP Probe Microscope data sheet (FBP-PX200 ordering row). 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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 12, 2026

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