

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

JDSU

JDSU FBP-PX2 Video inspection probe microscope, PAL, 200X, 4-pin out, no barrel assembly

The JDSU FBP-PX2 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features a PAL video output, 200X magnification, and a 4-pin output. Barrel assembly is not included.



MODEL

JDSU FBP-PX2

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-PX2

LISTING

<https://aumictechlabs.com/products/fbp-px2-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDSU FBP-PX2 is a handheld video inspection probe microscope for fiber optic connector end-face analysis. It delivers 200X magnification with 1/3-inch CMOS sensor technology and better than 1 μ m resolution, enabling detection of contamination, scratches, and defects critical to network performance. The probe integrates coaxial blue LED illumination (>100,000 hour lifespan), adjustable focus, and a 4-pin Hirose™ male connector for direct output to JDSU display devices. PAL video output standard. A 240 cm cord provides reach to restricted access points. Manual focus control is located on the probe body for field adjustment. Technical Specifications Magnification: 200X Video Output: PAL Camera Sensor: 1/3-inch CMOS Resolution: Better than 1 μ m Field of View (Horizontal at 200X): 550–714 μ m Light Source: Blue LED, internal, >100,000

hour lifespan Illumination: Coaxial Focus: Manual, adjustable on probe Dimensions: 140 × 46 × 43 mm Weight: 180 g Cord Length: 240 cm Connector: 4-pin Hirose™ male Key Features 1/3-inch CMOS imaging with sub-micrometer resolution for detailed end-face inspection Internal blue LED with coaxial illumination eliminates shadow artifacts Handheld form factor with ergonomic probe body Manual focus adjustment integrated into probe housing Long-life LED rated beyond 100,000 hours PAL standard video output Typical Applications Fiber optic connector cleanliness verification End-face damage assessment (scratches, contamination, pitting) Pre- and post-termination inspection of patch cords and bulkhead connectors Network troubleshooting and signal loss diagnosis Compatibility & Integration Direct connection to JDSU HD-series analog displays and optical test platforms (T-BERD, MTS series) USB converter module support (e.g., FBPP-USB3) enables integration with PC/laptop systems Video output module compatibility (FBP-VO1, FBP-VO2) for BNC monitor connection Requires compatible barrel assembly and inspection tips for specific connector geometries Power derived from display device or USB module - no external PSU required

Features & description

From manufacturer datasheet

Features

• Magnification: 200X - Video format: PAL - Connector: 4-pin Hirose - USB on probe: no - Barrel assembly included: no - Camera: 1/3-in CMOS - Light source: blue LED, internal, 100,000+ hours - Lighting: coaxial - Focus: adjustable, in-probe - Power: from display device / USB port (per configuration) - Size: 46 × 43 × 140 mm • Weight: 180 g - Horizontal FOV @ 200X: 550 µm - Horizontal FOV @ 400X: 350 µm - Compatible with 250+ FBPT inspection tips and adapters - QuickCapture button on QuickCapture models

Applications

• Inspect bulkhead (female) and patch cord (male) fiber connectors - Inspect hard-to-reach optical devices / transceivers - Use with JDSU display devices and FBPT tips/adapters

FBPPX2 Characteristics / Specifications

PARAMETER	VALUE
Technical Specifications Model	FBP-PX2 Manufacturer: JDSU Instrument Type: Fiber Inspection Probe Microscope Alias: FBP-PX2; JDSU FBP-PX2
Magnification	200X Format: PAL Output: 4-pin Hirose USB: no Barrel: no FOV 200X: 550 µm FOV 400X: 350 µm Weight: 180 g Dimensions: 46 × 43 × 140 mm Notes Specs from JDSU FBP Probe Microscope data sheet (FBP-PX2 row). Confirm included tips/display cable on the unit.
Weight	180 g - Horizontal FOV @ 200X: 550 µm - Horizontal FOV @ 400X: 350 µm - Compatible with 250+ FBPT inspection tips and adapters - QuickCapture button on QuickCapture models

FBPPX2 Specifications

PARAMETER	VALUE
Key Features	- Magnification: 200X
Technical Specifications	Model: FBP-PX2
Notes	Specs from JDSU FBP Probe Microscope data sheet (FBP-PX2 row). Confirm included tips/display cable on the unit.

Specifications

PARAMETER	VALUE
Magnification	200X
Format	PAL
Output	4-pin Hirose
USB	no
Barrel	no
FOV 200X	550 μm
FOV 400X	350 μm
Weight	180 g
Dimensions	46 × 43 × 140 mm

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 Model: FBP-PX2 Manufacturer: JDSU Instrument Type: Fiber Inspection Probe Microscope Alias: FBP-PX2; JDSU FBP-PX2

Magnification: 200X Format: PAL Output: 4-pin Hirose USB: no Barrel: no FOV 200X: 550 µm FOV 400X: 350 µm Weight: 180 g Dimensions: 46 × 43 × 140 mm

Notes Specs from JDSU FBP Probe Microscope data sheet (FBP-PX2 row). Confirm included tips/display cable on the unit.

Specifications

PARAMETER	VALUE
Magnification	200X
Format	PAL
Output	4-pin Hirose
USB	no
Barrel	no
FOV 200X	550 µm
FOV 400X	350 µm
Weight	180 g
Dimensions	46 × 43 × 140 mm

Technical Specifications

PARAMETER	VALUE
Model	FBP-PX2
Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-PX2; JDSU FBP-PX2

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.