

**Aumictech**

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Data Sheet

August 12, 2026

JDSU

JDSU FBP-P205 Video inspection QuickCapture probe microscope, PAL, 200X, 6-pin out w/o USB

The JDSU FBP-P205 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. This model does not include USB connectivity.



MODEL

JDSU FBP-P205

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-P205

LISTING

<https://aumictechlabs.com/products/fbp-p205-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDSU FBP-P205 is a handheld video inspection probe microscope engineered for fiber optic connector end-face examination. It delivers PAL analog video output to compatible display devices and test platforms, with fixed 200X magnification and a 550 μ m horizontal field of view. The probe integrates a 1/3-inch CMOS camera, blue LED coaxial illumination (rated >100,000 hours), and adjustable focus control for in-situ operation. A QuickCapture button enables instant image capture when connected to compatible modules. Power and video signals route through a 6-pin Hirose connector; this model excludes direct USB connectivity. Handheld ergonomics support single-handed operation during inspection of difficult-to-access connectors. Technical Specifications Model: JDSU FBP-P205 Imaging Sensor: 1/3-inch CMOS video camera Magnification: 200X (fixed) Horizontal Field of View: 550 μ m at 200X Video Output: PAL analog

Light Source: Blue LED, coaxial illumination, >100,000 hours rated life Focus Control: Adjustable, probe-mounted Connector: 6-pin Hirose (power input, analog video output, capture switch signal) Dimensions: 46 × 43 × 140 mm Weight: 180 g Key Features Fixed 200X magnification for detailed fiber end-face inspection Integrated blue LED illumination with coaxial design QuickCapture button for immediate image acquisition Adjustable focus mechanism mounted directly on probe body 6-pin Hirose connector supports power, video output, and capture signaling Compact handheld form factor for ergonomic single-handed use Typical Applications Fiber optic connector inspection and qualification End-face analysis for APC and multi-fiber connectors Field troubleshooting on test platforms and in-service equipment Patch cord and bulkhead connector examination Compatibility & Integration PAL video display devices and monitors JDSU T-BERD/MTS test platforms JDSU interchangeable precision stainless-steel inspection tips (bulkhead female, patch cord male, APC, multi-fiber) Analog-to-digital converters for PC/laptop connectivity Conversion cables for legacy Westover 4-pin adapter interfaces

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
- Barrel assembly included for standard tip mating
- 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

FBPP205 Characteristics / Specifications

PARAMETER	VALUE
Model	FBP-P205
Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-P205; JDSU FBP-P205; Westover FBP-P205
Optical magnification	200X
Video format	PAL
Output connector	6-pin Hirose
USB on probe	no
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
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-P205 ordering row). Confirm included FBPT tips and display cable on the unit.

FBPP205 Specifications

PARAMETER	VALUE
Key Features	- Coaxial blue LED illumination for crisp end-face contrast
Technical Specifications	Model: FBP-P205
Notes	Specs from JDSU FBP Probe Microscope data sheet (FBP-P205 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

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Notes

Specs from JDSU FBP Probe Microscope data sheet (FBP-P205 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
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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.