

**Aumictech**

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Data Sheet

August 12, 2026

JDSU

JDSU FBP-P2 Video inspection probe microscope, PAL, 200X, 4-pin out

The JDSU FBP-P2 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features a PAL video output, 200X magnification, and a 4-pin connector for easy integration with monitoring equipment.



MODEL

JDSU FBP-P2

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-P2

LISTING

<https://aumictechlabs.com/products/fbp-p2-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDSU FBP-P2 is a video inspection probe microscope engineered for high-resolution examination of fiber optic connectors and optical devices. Delivering 200X magnification with sub-micrometer resolution, this handheld probe enables technicians to inspect simplex and multi-fiber connectors in confined spaces without extensive disassembly. The ergonomic design supports in-hand operation while accessing hard-to-reach connectors in equipment racks, patch panels, and transceivers.

Technical Specifications

Optical Performance

Magnification: 200X

Resolution: Better than 1 μm

Horizontal field of view: 550 μm at 200X

Camera: 1/3-inch CMOS sensor (1280 $\times$ 1024 black and white for USB variants)

Imaging & Output

Video format: PAL

Live image output: 640 $\times$ 480 at 8 fps (USB models)

Video connector: 4-pin Hirose™ male

Illumination

Light source: Blue LED

LED life: 100,000+ hours

Illumination method: Coaxial

Physical Characteristics

Dimensions: 140 $\times$ 46 $\times$ 43 mm

Weight: 180 g

Cord length: 240 cm

Focus control:

Adjustable, probe-mounted Power & Connectivity Powered via connected display device or USB module 4-pin Hirose™ interface

Key Features

- Sub-micrometer resolution for defect and contamination detection
- Compact, ergonomic form factor for single-hand inspection
- Blue LED coaxial illumination for consistent lighting
- Extended LED operational life of 100,000+ hours

Typical Applications

Fiber optic connector inspection across telecommunications networks, data centers, and optical system integration. Suitable for male and female connector variants as well as ribbon fiber assemblies.

Compatibility & Integration

The probe connects via 4-pin Hirose™ connector to JDSU Video Output Modules (FBP-VO1, FBP-VO2) for external monitor display. USB integration available through analog-to-digital converters such as FBPP-USB3 for PC/laptop connectivity.

Features & description

From manufacturer datasheet

Features

• Magnification: 200X • Video format: PAL • Connector: 4-pin Hirose • Camera: 1/3-in CMOS • Light source: blue LED, internal, 100,000+ hours • Lighting: coaxial • Focus: adjustable, in-probe • Power: from display device • Size: 46 × 43 × 140 mm • Weight: 180 g • Horizontal FOV @ 200X: 550 µm • Compatible with 250+ FBPT inspection tips and adapters • Warranty class: 1 year (datasheet)

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

FBPP2 Characteristics / Specifications

PARAMETER	VALUE
Model	FBP-P2
Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-P2; JDSU FBP-P2; Westover FBP-P2
Magnification	200X
Format	PAL
Output	4-pin Hirose
FOV 200X	550 µm
Weight	180 g
Dimensions	46 × 43 × 140 mm Notes Specs from JDSU FBP Probe Microscope data sheet (FBP-P2 row). Confirm included tips/display cable on the unit.
Video format	PAL
Connector	4-pin Hirose
Camera	1/3-in CMOS
Light source	blue LED, internal, 100,000+ hours
Lighting	coaxial
Focus	adjustable, in-probe
Power	from display device
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Horizontal FOV @ 200X	550 µm
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FBPP2 Specifications

PARAMETER	VALUE
Key Features	- Magnification: 200X
Technical Specifications	Model: FBP-P2
Notes	Specs from JDSU FBP Probe Microscope data sheet (FBP-P2 row). Confirm included tips/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

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Notes

Specs from JDSU FBP Probe Microscope data sheet (FBP-P2 row). Confirm included tips/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.