

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

JDSU

JDSU FBP-P5 Video inspection probe microscope, NTSC, 200/400X, 4-pin out

The JDSU FBP-P5 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features NTSC video output, 200x/400x magnification, and a 4-pin output for video display. This probe allows for clear and detailed inspection of fiber end-faces to ensure optimal performance.



MODEL

JDSU FBP-P5

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-P5

LISTING

<https://aumictechlabs.com/products/fbp-p5-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDSU FBP-P5 is a video inspection probe microscope engineered for fiber optic connector end-face analysis. It delivers real-time NTSC video output to compatible displays, enabling technicians to detect contaminants, scratches, and defects that degrade optical performance. The probe features dual selectable magnification (200x and 400x), coaxial blue LED illumination with 100,000+ hour lifespan, and adjustable focus. A 1/3-inch CMOS camera and 4-pin Hirose™ connector provide straightforward integration with handheld displays, Viavi test platforms, or PC systems via analog-to-digital conversion. Compact dimensions (46 × 43 × 140 mm) and 180 g weight enable one-handed field operation. Technical Specifications Camera: 1/3-inch CMOS Magnification: Dual, selectable 200x and 400x Field of View (Horizontal): 550 μm at 200x; 350 μm at 400x Illumination: Coaxial blue LED, 100,000+ hour lifespan Video Output: NTSC Connector: 4-

pin Hirose™ Dimensions: 46 × 43 × 140 mm Weight: 180 g Focus: Adjustable, probe-mounted control

Key Features Dual magnification enables overview and high-detail inspection in a single tool Coaxial LED design eliminates shadowing and ensures uniform fiber end-face illumination Extended LED service life (100,000+ hours) minimizes maintenance downtime NTSC analog output integrates with existing test infrastructure and handheld displays Lightweight, ergonomic probe design supports sustained field inspections

Typical Applications Bulkhead and patch cord connector inspection Simplex and multi-fiber ribbon connector analysis Fiber end-face quality verification Network troubleshooting and maintenance across enterprise, lab, and field environments

Compatibility & Integration Accepts precision inspection tips and adapters (sold separately) for SC, FC, LC, MU, E2000, and MPO/MTP connectors Compatible with dedicated Viavi handheld displays and T-BERD/MTS platforms PC/laptop integration via external analog-to-digital converter 4-pin Hirose™ connector powered by connected display device or USB port per configuration

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
- 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

FBPP5 Characteristics / Specifications

PARAMETER	VALUE
Model	FBP-P5
Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-P5; JDSU FBP-P5; Westover FBP-P5
Optical magnification	200/400X
Video format	NTSC
Output connector	4-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-P5 ordering row). Confirm included FBPT tips and display cable on the unit.

FBPP5 Specifications

PARAMETER	VALUE
Key Features	- Coaxial blue LED illumination for crisp end-face contrast
Technical Specifications	Model: FBP-P5
Notes	Specs from JDSU FBP Probe Microscope data sheet (FBP-P5 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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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.