

**Aumictech**

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Data Sheet

August 12, 2026

JDSU

JDSU FBP-PX5 Video inspection probe microscope, NTSC, 200/400X, 4-pin out, no barrel assembly

The JDSU FBP-PX5 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features NTSC video output, 200/400X magnification, and a 4-pin output connector. Barrel assembly not included.



MODEL

JDSU FBP-PX5

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-PX5

LISTING

<https://aumictechlabs.com/products/fbp-px5-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDSU FBP-PX5 is a handheld video inspection probe microscope purpose-built for fiber optic connector examination. It delivers magnified views of fiber end faces to identify contamination, defects, and damage that degrade network performance. The probe's compact form factor enables access to connectors in confined spaces - patch panels, optical devices, and bulkhead installations - while the internal coaxial illumination provides crisp, artifact-free imaging across both 200X and 400X magnification settings. Technical Specifications Magnification: 200X and 400X dual modes Video Output: NTSC Sensor: 1/3-inch CMOS Light Source: Internal blue LED, >100,000 hour lifespan Illumination Method: Coaxial Focus: Adjustable, integrated probe control Probe Connector: 4-pin Hirose™ male Dimensions: 46 mm × 43 mm × 140 mm (1.8 in × 1.7 in × 5.5

in) Weight: 180 g (6.35 oz) Field of View (Horizontal): 550 μm at 200X; 350 μm at 400X
Configuration: Supplied without barrel assemblyKey Features Dual-magnification optics for detailed end-face inspection Coaxial LED illumination eliminates shadow artifacts Manual focus adjustment integrated into probe body Blue LED eliminates thermal stress on sensitive optical components Lightweight, ergonomic design for extended field useTypical Applications Fiber optic connector end-face inspection (simplex, multi-fiber ribbon) Bulkhead (female) and patch cord (male) connector verification Transceiver and optical device inspection Contamination and defect detection in network installationsCompatibility & Integration The FBP-PX5 connects via 4-pin Hirose™ male connector to JDSU/Westover display devices. PC and laptop integration is supported through a USB converter module. Power is derived from the connected display device or USB interface.

Features & description

From manufacturer datasheet

Features

• Magnification: 200/400X • Video format: NTSC • 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

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

FBPPX5 Characteristics / Specifications

PARAMETER	VALUE
Model	FBP-PX5
Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-PX5; JDSU FBP-PX5
Magnification	200/400X
Format	NTSC
Output	4-pin Hirose
USB	no
Barrel	no
FOV 200X	550 μ m
FOV 400X	350 μ m
Weight	180 g
Dimensions	46 × 43 × 140 mm Notes Specs from JDSU FBP Probe Microscope data sheet (FBP-PX5 row). Confirm included tips/display cable on the unit.
Video format	NTSC
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
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Focus	adjustable, in-probe
Power	from display device / USB port (per configuration)
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Horizontal FOV @ 400X	350 μ m

FBPPX5 Specifications

PARAMETER	VALUE
Key Features	- Magnification: 200/400X
Technical Specifications	Model: FBP-PX5
Notes	Specs from JDSU FBP Probe Microscope data sheet (FBP-PX5 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	
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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.