

**Aumictech**

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Data Sheet

August 13, 2026

JDSU

JDSU FBP-P6 Video inspection probe microscope, PAL, 200/400X, 4-pin out

The JDSU FBP-P6 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features a PAL video output, 200/400X magnification, and a 4-pin connector for easy integration with video monitors or recording devices. Ideal for field use and ensuring clean fiber connections.



MODEL

JDSU FBP-P6

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-P6

LISTING

<https://aumictechlabs.com/products/fbp-p6-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDSU FBP-P6 is a handheld video inspection probe microscope purpose-built for detailed fiber optic connector analysis. Dual magnification (200X and 400X) enables flexible inspection of connector end-faces across varying defect scales. PAL video output integrates with JDSU HD-series displays, Video Output Modules (FBP-VO1, FBP-VO2), or USB converters for PC-based workflows. Coaxial blue LED illumination with 100,000+ hour lifespan delivers consistent, shadow-free imaging critical for identifying contamination, scratches, and surface defects. Technical Specifications Magnification: 200X, 400X (dual) Video Output: PAL Sensor: 1/3-inch CMOS Field of View (Horizontal): 550 μ m @ 200X; 350 μ m @ 400X Live Image Resolution: 800 $\times$ 600 pixels at 15 fps Light Source: Blue LED, >100,000 hour lifespan Illumination Technique: Coaxial Focus Control: Adjustable manual focus (in-probe) Video Connector: 4-pin Hirose™ male Cord Length:

240 cm (94 inches) Dimensions: 140 × 46 × 43 mm (5.5 × 1.8 × 1.7 inches) Weight: 180 g (6.35 oz)
Power: Supplied by connected display device or USB moduleKey Features Ergonomic handheld design for single-hand operation in confined spaces QuickCapture™ button on select models enables instant image capture Adjustable in-probe manual focus for precise end-face alignment 1/3-inch CMOS sensor delivers 800 × 600 pixel live images at 15 fps Blue LED coaxial illumination eliminates shadows and glint artifactsTypical Applications Inspection of simplex and multi-fiber (ribbon) connectors Male (patch cord) and female (bulkhead) fiber interconnect assessment Backside patch panel connector examination Transceiver and optical device internal connector verification IEC 61300-3-35 compliance testingCompatibility & Integration The FBP-P6 connects via 4-pin Hirose™ male connector to JDSU HD-series analog displays, FBP-VO1/FPB-VO2 Video Output Modules, or third-party USB converters. Compatible with standard bulkhead, patch cord, long-reach, APC, angled, and RibbonDrive™ interchangeable inspection tips and adapters for extended connector coverage.

Features & description

From manufacturer datasheet

Features

- Dual magnification 200/400X with in-probe mag control

Applications

- Inspect bulkhead (female) fiber adapters in patch panels

FBPP6 Characteristics / Specifications

PARAMETER	VALUE
Model	FBP-P6
Manufacturer	JDSU (Westover)
Instrument Type	Fiber inspection probe microscope
Alias	FBP-P6; JDSU FBP-P6; Westover FBP-P6
Optical magnification	200/400X dual
Video format	PAL
Output connector	4-pin Hirose
USB on probe	no
QuickCapture button	no (non-QC analog row)
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
Cord length class	about 240 cm (family manuals)
Dimensions	46 × 43 × 140 mm
Weight	180 g
Warranty class	1 year (family datasheet) Notes Specs from JDSU FBP Probe Microscope data sheet ordering row FBP-P6. 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.