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Data Sheet

August 12, 2026

JDSU

JDSU FBP-P600 Video inspection QuickCapture probe microscope, PAL, 200/400X, 6-pin out w/ USB

The JDSU FBP-P600 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features a PAL video output, 200/400X magnification, a 6-pin output, and USB connectivity for QuickCapture functionality. Ideal for ensuring clean and reliable fiber connections in telecommunications and data networking.



MODEL

JDSU FBP-P600

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-P600

LISTING

<https://aumictechlabs.com/products/fbp-p600-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDSU FBP-P600 is a handheld video inspection probe microscope engineered for fiber optic connector end-face analysis. It delivers dual magnification (200X and 400X) via a 1/3-inch CMOS sensor with sub-micrometer resolution (better than 1 μ m), paired with coaxial blue LED illumination rated for 100,000+ hours of operation. The probe features in-probe focus control, interchangeable precision stainless-steel inspection tips, and a QuickCapture™ button for immediate image documentation. PAL video output connects via 6-pin connector with USB integration, compatible with standard bulkhead (female), patch cord (male), aPC, angled (60°), RibbonDrive™, and long-reach inspection tips. Technical Specifications Magnification: 200X, 400X (selectable) Camera

Sensor: 1/3-inch CMOS Resolution: Better than 1 μm Video Output: PAL Illumination: Coaxial blue LED, 100,000+ hour rated life Focus Control: Adjustable, in-probe Field of View: 714 μm (200X horizontal), 460 μm (400X horizontal); 550 μm (200X), 350 μm (400X) Connector Interface: 6-pin output with USB connectivity Dimensions: 140 $\times$ 46 $\times$ 43 mm Weight: 110 g to 180 g Cord Length: 183 cm or 240 cm options

Key Features Dual magnification enables rapid transition between broad field survey and high-detail analysis Integrated coaxial illumination eliminates shadow artifacts common in side-lit designs QuickCapture™ button streamlines documentation workflows Interchangeable tips accommodate standard connectors, multi-fiber ribbon arrays, and angled-polish geometries Powered directly from display device, USB module, or analog-to-digital converter

Typical Applications Fiber optic connector end-face cleanliness verification Inspection of patch panel backside and recessed bulkhead connectors Optical device connector assessment prior to mating Telecommunications and data networking installation validation

Compatibility & Integration Works with analog-to-digital converter modules for integration into T-BERD/MTS platforms or PC/laptop systems. USB connectivity supports display devices and software platforms; software requirements vary by implementation (e.g., FiberChek2™ compatibility for digital probe variants).

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
- USB on 6-pin probe for host/display connectivity
- 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

FBPP600 Characteristics / Specifications

PARAMETER	VALUE
Model	FBP-P600
Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-P600; JDSU FBP-P600; Westover FBP-P600
Optical magnification	200/400X
Video format	PAL
Output connector	6-pin Hirose
USB on probe	yes
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-P600 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.