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Data Sheet

August 12, 2026

JDSU

JDSU FBP-PX600 Video inspection QuickCapture probe microscope, PAL, 200/400X, 6-pin out w/o USB/barrel

The JDSU FBP-PX600 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features PAL video output, 200/400X magnification, and a 6-pin connector. QuickCapture capability allows for easy image acquisition and documentation of fiber end-face conditions.



MODEL

JDSU FBP-PX600

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-PX600

LISTING

<https://aumictechlabs.com/products/fbp-px600-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDSU FBP-PX600 is a handheld video inspection probe microscope engineered for real-time examination of fiber optic connector end faces. It delivers dual magnification (200X and 400X) through a 1/3-inch CMOS sensor with PAL video output, enabling technicians to inspect connectors in confined spaces without equipment disassembly. The integrated QuickCapture™ button captures fiber end-face images instantly for documentation and analysis, while internal blue LED illumination with over 100,000 hours of operational life provides coaxial lighting across both magnification levels. Technical Specifications Magnification: 200X and 400X (switchable) Camera: 1/3-inch CMOS Video Output: PAL Light Source: Internal blue LED, >100,000 hours life

Lighting Method: Coaxial Field of View (horizontal): 550 μm @ 200X; 350 μm @ 400X Focus Control: Adjustable, located on probe Connector: 6-pin Hirose™ Dimensions: 46 × 43 × 140 mm Weight: 180 g Key Features QuickCapture™ button for instantaneous image acquisition Adjustable focus mechanism integrated into probe body Dual-magnification optical path for flexible inspection workflows Supports simplex and multi-fiber ribbon connectors in both patch cord and bulkhead configurations Compatible with transceiver and optical device inspection Lightweight ergonomic design (180 g) for extended handheld operation Interchangeable precision stainless-steel inspection tips for standard bulkhead, patch cord, long-reach, APC, angled, and ribbon connector geometries Typical Applications Fiber optic connector end-face inspection for signal quality verification Contamination assessment and documentation prior to system deployment Transceiver and optical module examination Multi-fiber ribbon connector inspection in high-density environments Compatibility & Integration The FBP-PX600 operates with JDSU optical test units, T-BERD/MTS platforms, and PC/laptop systems via USB converter module. Power is supplied by the connected display device or optional USB module.

Features & description

From manufacturer datasheet

Features

• Magnification: 200/400X - Video format: PAL - Connector: 6-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 - QuickCapture button on QuickCapture models

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

FBPPX600 Characteristics / Specifications

PARAMETER	VALUE
Technical Specifications Model	FBP-PX600 Manufacturer: JDSU Instrument Type: Fiber Inspection Probe Microscope Alias: FBP-PX600; JDSU FBP-PX600
Magnification	200/400X Format: PAL Output: 6-pin Hirose USB: no Barrel: no FOV 200X: 550 µm FOV 400X: 350 µm Weight: 180 g Dimensions: 46 × 43 × 140 mm Notes Specs from JDSU FBP Probe Microscope data sheet (FBP-PX600 row). Confirm included tips/display cable on the unit.
Weight	180 g - Horizontal FOV @ 200X: 550 µm - Horizontal FOV @ 400X: 350 µm - Compatible with 250+ FBPT inspection tips and adapters - QuickCapture button on QuickCapture models

FBPPX600 Specifications

PARAMETER	VALUE
Key Features	- Magnification: 200/400X
Technical Specifications	Model: FBP-PX600
Notes	Specs from JDSU FBP Probe Microscope data sheet (FBP-PX600 row). Confirm included tips/display cable on the unit.

Specifications

PARAMETER	VALUE
Magnification	200/400X
Format	PAL
Output	6-pin Hirose
USB	no
Barrel	no
FOV 200X	550 μm
FOV 400X	350 μm
Weight	180 g
Dimensions	46 × 43 × 140 mm

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 Model: FBP-PX600 Manufacturer: JDSU Instrument Type: Fiber Inspection Probe Microscope Alias: FBP-PX600; JDSU FBP-PX600

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Technical Specifications

PARAMETER	VALUE
Model	FBP-PX600
Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-PX600; JDSU FBP-PX600

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.