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Data Sheet

August 12, 2026

JDSU

JDSU FBP-P100 Video inspection QuickCapture probe microscope, NTSC, 200X, 6-pin out w/ USB

The JDSU FBP-P100 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features NTSC video output, 200X magnification, a 6-pin output, and USB connectivity for QuickCapture functionality.



MODEL

JDSU FBP-P100

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-P100

LISTING

<https://aumictechlabs.com/products/fbp-p100-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDSU FBP-P100 is a handheld video inspection probe microscope purpose-built for fiber optic connector end-face examination. It combines a blue coaxial LED light source, 1/3-inch CMOS camera, manual focus adjustment, and integrated QuickCapture™ button into a compact ergonomic probe capable of inspecting male, female, simplex, and ribbon connectors in patch cords, bulkhead applications, and confined spaces within optical devices. Technical Specifications Magnification: 200X (standard) Camera: 1/3-inch CMOS Resolution: Better than 1 µm Video Output: NTSC Field of View (200X): 714 µm horizontal, 535 µm vertical, 892 µm diagonal Light Source: Blue coaxial LED, 100,000+ hour rated life Focus Control: Manual, located on probe body Dimensions: 140 mm × 46 mm × 43 mm Weight: 110 g Cord Length: 183 cm (6 ft) USB 2.0 Key Features Coaxial illumination eliminates shadows and glare during inspection One-handed

operation with probe-mounted QuickCapture button for instant image capture Compatible with over 250 interchangeable JDSU FBPT precision inspection tips and adapters USB-powered operation via PC/laptop or JDSU test platforms Typical Applications Field verification of fiber optic connector polish and cleanliness Defect identification on patch cord and bulkhead connectors Pre- and post-termination connector qualification Hard-to-reach connector inspection in optical equipment installations Compatibility & Integration The probe outputs via 6-pin Hirose™ connector. PC/laptop integration requires a USB 1.1 analog-to-digital converter (includes FiberChek software). Direct integration available with JDSU optical test platforms (T-BERD/MTS series) and HD-series analog displays via optional FBPP-DPAC1 converter. Also compatible with JDSU video output modules (FBP-VO1, FBP-VO2).

Features & description

From manufacturer datasheet

Features

• Magnification: 200X - Video format: NTSC - Connector: 6-pin Hirose - USB on probe: yes - Barrel assembly included: yes - 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

FBPP100 Characteristics / Specifications

PARAMETER	VALUE
Technical Specifications Model	FBP-P100 Manufacturer: JDSU Instrument Type: Fiber Inspection Probe Microscope Alias: FBP-P100; JDSU FBP-P100
Magnification	200X Format: NTSC Output: 6-pin Hirose USB: yes Barrel: yes 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-P100 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

FBPP100 Specifications

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Key Features	- Magnification: 200X
Technical Specifications	Model: FBP-P100
Notes	Specs from JDSU FBP Probe Microscope data sheet (FBP-P100 row). Confirm included tips/display cable on the unit.

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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-P100 Manufacturer: JDSU Instrument Type: Fiber Inspection Probe Microscope Alias: FBP-P100; JDSU FBP-P100

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Technical Specifications

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Manufacturer	JDSU
Instrument Type	Fiber Inspection Probe Microscope
Alias	FBP-P100; JDSU FBP-P100

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.