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Data Sheet

August 13, 2026

JDSU

JDSU FBP-P605 Video inspection QuickCapture probe microscope, PAL, 200/400X, 6-pin out w/o USB

The JDSU FBP-P605 is a video inspection probe microscope designed for inspecting fiber optic connectors. It features PAL video output, 200/400X magnification, and a 6-pin output. This model does not include USB connectivity. Offers quick capture capabilities for efficient fiber inspection.



MODEL

JDSU FBP-P605

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-P605

LISTING

<https://aumictechlabs.com/products/fbp-p605-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDSU FBP-P605 is a video inspection probe microscope purpose-built for fiber optic connector examination. It delivers real-time magnified imagery via PAL output and integrates QuickCapture functionality for single-hand image acquisition during field inspections. The probe features switchable 200X and 400X magnification, coaxial blue LED illumination, and a 6-pin Hirose connector interface without USB connectivity.

Technical Specifications

Optical Performance Camera: 1/3-inch CMOS Magnification: 200X and 400X (switchable) Horizontal field of view at 200X: 550 μ m Horizontal field of view at 400X: 350 μ m Light source: Internal blue LED, operational life >100,000 hours Illumination method: Coaxial Physical & Operational Dimensions:

46 mm × 43 mm × 140 mm (1.8 in × 1.7 in × 5.5 in) Weight: 180 g (6.35 oz) Focus control: Adjustable, probe-mounted Interface: 6-pin Hirose connector (PAL video output) Power source: Supplied by connected display device or USB moduleKey Features QuickCapture button integrated into probe for instantaneous image acquisition Ergonomic in-hand design with patented panning knobs for X- and Y-axis fiber positioning Enables access to hard-to-reach connector locations Compatible with 250+ JDSU interchangeable precision stainless-steel inspection tips and adaptersTypical Applications Male and female fiber optic connector inspection Simplex and multi-fiber (ribbon) connector examination Optical device inspection (transceivers and similar components) Field and lab-based fiber optic quality assuranceCompatibility & Integration Connects to JDSU optical test units, T-BERD/MTS platforms, and PC/laptop systems via analog-to-digital conversion. Supports standard bulkhead tips, patch cord tips, long reach tips, APC tips, angled (60°) tips, and RibbonDrive tips. Digital conversion cables (e.g., FBPP-DPAC1) enable compatibility with 4-pin systems.

Features & description

From manufacturer datasheet

Features

- QuickCapture image button on probe

Applications

- Inspect bulkhead female fiber adapters in patch panels

FBPP605 Characteristics / Specifications

PARAMETER	VALUE
Model	FBP-P605
Manufacturer	JDSU / Westover
Instrument Type	Fiber inspection QuickCapture probe microscope
Alias	FBP-P605; JDSU FBP-P605; Westover FBP-P605
Optical magnification	200/400X dual
Video format	PAL
Output connector	6-pin Hirose
USB on probe	no
QuickCapture button	yes
Barrel assembly	yes for FBPT tip mating
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 or USB module
Horizontal FOV at 200X	550 um
Horizontal FOV at 400X	350 um
Dimensions	46 × 43 × 140 mm
Weight	180 g
Cord length class	about 240 cm
Warranty class	1 year
Tip ecosystem	FBPT / RibbonDrive

PARAMETER	VALUE
Magnification control	dual in-probe Notes Specs from JDSU FBP Probe Microscope datasheet ordering row FBP-P605 (PAL, 200/400X, 6-pin out w/o USB). Confirm included FBPT tips and display/USB converter 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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Confirm included FBPT tips and display/USB converter cable on the unit.

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.