

# USB 1.1 Analog-to-Digital Converter

## Digital Converter for FBP Probe Microscopes



USB 1.1 Analog-to-Digital Converter

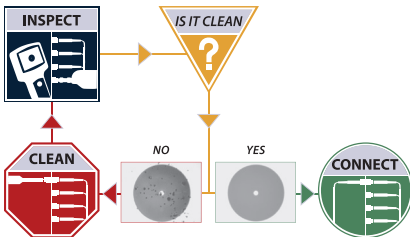
### Key Features

- View clear fiber end face images quickly and easily for detailed visual inspection of contamination
- Compact design for efficiency and portability with easy one-hand operation
- FBP probe is compatible with over 250 FBPT precision tips and adapters to inspect every connector and application
- Use FiberChek™ software with a PC/laptop for one-button capture and analysis of fiber end faces

### Applications

- Use with JDSU test platforms or PC/laptop via a USB connection to visually inspect fiber end faces
- Quickly and easily inspect both bulkhead (female) and patch cord (male) sides of fiber interconnects
- Promote proper fiber handling workflow and practice

### Inspect Before You Connect<sup>SM</sup>



**Contamination is the number 1 reason for troubleshooting optical networks.** Proactive inspection and cleaning of fiber connectors can prevent poor signal performance, equipment damage, and network downtime.

### USB 1.1 Analog-to-Digital Converter

The USB 1.1 converter is an upgrade kit for use with FBP-series probes and includes the basic FiberChek software. It lets users quickly and easily view, capture, save, and print images of fiber end faces. It features an image capture button to conveniently and instantly capture fiber end face images on screen.

### FBP Video Probe Microscope

The FBP video probe microscope, in single or dual-magnification (200/400X), is the essential inspection tool for use with JDSU test platforms. The key components of the probe include an integrated light source, a 1/3-inch complimentary metal oxide semiconductor (CMOS) video camera, a focusing mechanism, and an optional image capture button. It is powered through the universal serial bus (USB) port and utilizes a blue coaxial light emitting diode (LED) light source with an advanced camera system to produce a high resolution fiber end face image. It fits and operates comfortably and easily in-hand, letting users inspect hard-to-reach connectors that are installed on the backside of patch panels or inside optical devices. The focus control is conveniently located on the probe to easily adjust the focus of the fiber image, while the optional dual-magnification control lets users quickly change between high- and low-magnification views.



FBP Probe Microscope



## Analog-to-Digital Overview

The FBPP probe microscope connects to the JDSU optical test platforms or to a PC/laptop via a USB digital converter. Simply connect the FBPP probe to the module and plug the USB connection in an open USB port. The USB module, like the probe, offers an optional QuickCapture™ button to instantly capture the fiber end face image on the display. For use with a PC/laptop, a fiber analysis program (FiberChek) is included on a CD and requires software/hardware installation. No additional software is needed to interface with these JDSU test platforms: T-BERD, MTS, or TestPad.

*T-BERD/MTS  
not included.*



The USB analog-to-digital converter is available in either a 4-pin or 6-pin configuration. The FBPP-USB3 connects to a standard 4-pin FBPP probe, while the FBPP-USB1 model connects to a 6-pin FBPP probe equipped with an integrated QuickCapture™ button used to instantly capture fiber end face images.

## USB Converter Specifications

<b>Dimensions</b>	150 x 580 x 180 mm (5.9 x 22.8 x 7.1 in) with 3-ft USB cable
<b>Weight</b>	80 g (2.8 oz)
<b>Power</b>	5V, 500mA from USB port
<b>USB type</b>	USB 1.1
<b>Compatible test platform/devices</b>	T-BERD 6000, T-BERD 8000, FST-2802, FST-2310, and other test units with a USB port; Windows®-based PC or laptop

*Laptop not  
included.*



## Ordering Information

<b>FBPP-USB1</b>	USB analog-to-digital converter with 6-pin connection to FBPP QuickCapture probe; FiberChek fiber analysis software
<b>FBPP-USB3</b>	USB analog-to-digital converter with 4-pin connection to FBPP probe; FiberChek fiber analysis software
<b>FBP-MTS-001</b>	DUAL-mag (200/400X) FBPP video probe microscope with QuickCapture image capture button; USB 1.1 digital converter; interchangeable FBPT inspection tips (7) in hard case: SC, SC-APC, FC, LC bulkhead tips, Universal 2.5 mm, 2.5mm APC, 1.25 mm patch cord tips; soft-sided carrying case



**FBP-MTS-001**  
T-BERD/MTS Fiber Inspection Upgrade Kit

## Test & Measurement Regional Sales

<b>NORTH AMERICA</b> TOLL FREE: 1 866 228 3762 FAX: +1 301 353 9216	<b>LATIN AMERICA</b> TEL: +1 954 688 5660 FAX: +1 954 345 4668	<b>ASIA PACIFIC</b> TEL: +852 2892 0990 FAX: +852 2892 0770	<b>EMEA</b> TEL: +49 7121 86 2222 FAX: +49 7121 86 1222	<b>www.jdsu.com/inspect</b>
---	--	---	---	-----------------------------