

JDSU Inspection, Cleaning & Test Kits



FIT Series

Inspection, Cleaning & Test Kits

JDSU inspection, cleaning, and test kits are designed specifically to meet the needs for today's fiber applications and environments, including LAN/WAN, CATV, TELCO, FTTx, and data centers. Pairing necessary test and inspection equipment gives technicians everything they need to ensure the best performance from optical connections in their networks.

Each kit is configured with the following:

- Inspection Scope and Display
- Optical Light Source and Power Meter
- Appropriate Reference Cables
- Visual Fault Locator
- IBC Cleaners for Bulkheads & Patchcords
- Micro Care WFW Lint Free Wipes
- Micro Care FCC2 Cleaning Fluid
- Deluxe Carrying Case



FBP & FBE Inspection Scopes

The JDSU video fiber inspection probe and handheld display system is used to inspect both "male" (patch cord) and "female" (bulkhead) sides of a fiber interconnect. Both the probe and display fit comfortably in a user's hand for portability and easy operation. Various interchangeable tips enable optimized inspection for different connector types and applications.

The FBP series probe provides dual (200x and 400x) magnification and a selection of over 350 different inspection tips. FBE series probes provide a more economical option with single magnification (200x or 400x) and a selection of common tip configurations. Both configurations are used in conjunction with a compact HD3 series, 1.8-inch TFT LCD display unit to provide a completely portable inspection solution for fiber technicians.



OLS-5 & OLS-6 Pocket Class Dual-Wavelength Optical Light Sources

The JDSU OLS-5 and OLS-6 Pocket Class Optical Light Sources measure dual wavelength in various single-mode or multimode applications alongside JDSU Pocket Class or SMART Optical Power Meters. The simple, three-button operation and easy-to-read display make them extremely user friendly. The OLS-5 Optical LED Source delivers multimode power and loss testing at 850 and 1300 nm, while the OLS-6 Optical Laser Source tests single-mode power and loss at 1310 and 1550 nm. Together with a JDSU Optical Power Meter (OLP), the automatic wavelength detection guarantees fast, error-free results.



OLP-5, OLP-6 & OLP-8 Pocket Class Optical Power Meters

The JDSU OLP-5, OLP-6, and OLP-8 are handy, pocket-sized optical power meters for quick, easy, and convenient field measurement of optical power and attenuation in fiber networks. They can be used independently for simple output tests, or with a light source for insertion loss measurements. The full functionality of the pocket-sized OLP range is realized when used with a JDSU optical light source (OLS). The OLP-5 is dedicated to local area network (LAN)/multimode or single-mode applications. The OLP-6 covers mostly the standard telecom applications, while the OLP-8 is dedicated to higher power applications like CATV networks, dense wavelength division multiplexing (DWDM) systems, and erbium doped fiber amplifier (EDFA) testing.



OLS-55 SMART Optical Laser Source

The handheld OLS-55 SMART Optical Laser Source suits every application from passive optical networks (PON) to Gigabit Ethernet (GigE) and offers the flexibility to test, install, and maintain single-mode and multimode fiber optic networks.



OLP-57 SMART Optical Power Meter

The OLP-57 SMART Optical Power Meter is used for installing, testing, and maintaining single-mode and multimode networks and cables. The SMART Optical Power Meters define a new industry standard with a unique, built-in auto-zeroing function for auto dark current compensation, which significantly increases accuracy.

JDSU Inspection, Cleaning & Test Kits



FFL-100 Visual Fault Locator

The Visual Fault Locator (VFL) is a ruggedized, handheld tool used to locate breaks and/or damage in optical fibers. It employs a powerful red laser designed to couple to optical connectors, providing the ability to locate areas in a fiber that have been damaged, broken, or tightly bent. The laser light will escape from the fiber at the exact site of the damage, causing the cable sheath to illuminate red. The FLASH control allows for two options: continuous illumination or flashing mode. The VFL (FFL-100) is fully assembled and comes with a soft-sided carrying case. Included are 2 batteries with > 80 hours of continuous-mode battery life. It is equipped with a 2.5 mm interface for compatibility with connectors such as SC, ST, and FC, while the 1.25 mm adapter interface (included) enables compatibility with small form-factor connectors such as LC and MU.



IBC Brand Connector Cleaners

IBC™ brand cleaners are dry cloth cleaners specifically designed to clean either side of a fiber connection. For cleaning connectors behind a bulkhead, simply insert the device into the bulkhead until a click sound is heard. For cleaning patch cords, the dust cap acts as an adapter to receive the connector ferrule. These tools are simple to use and highly effective at removing oil and dust contaminants.



Micro Care Cleaning Supplies

FCC™ optical-grade solvent is designed specifically for cleaning optical connectors. Electrically conductive, this solvent is ideal and effective at removing stubborn forms of debris by dissipating static charges that bind particulate to connector end faces. Ideal for wet-to-dry cleaning procedures, this fast-drying solvent is nonflammable, nontoxic, noncorrosive, and safe to use.

Ordering Information

Part Number	Description
FIT-S001	LAN/WAN - OLS-5, OLS-6, OLP-5, VFL, 200X FBE Probe, Hardwired to HD3 Display. Tips: SC, LC, ST, U25M, U12M, cleaning materials, patch cords and deluxe carrying case.
FIT-S002	CATV/TELCO - OLS-6, OLP-8, VFL, 200X FBE Probe, Hardwired to HD3 Display. Tips: SC, LC, SC-APC, FC, U25M, U25MA, U12M, cleaning materials, patch cords and deluxe carrying case.
FIT-S003	FTTx - OLS-55, OLP-57, VFL, 200/400X FBP Probe, Hardwired to HD3 Display. Tips: SC, SC-APC, U25M, U25MA, cleaning materials, patch cords and deluxe carrying case.
FIT-S004	Data Center - OLS-5, OLS-6, OLP-5, VFL, 200/400X FBP Probe, Hardwired to HD3 Display. Tips: SC, LC, MTP, U25, U12, cleaning materials, patch cords and deluxe carrying case.
FIT-S005	Professional - OLS-6, OLP-8, VFL, 200/400X FBP Probe, HD3 Display. Tips: SC, LC, FC, ST, SC-APC, U25M, U25MA, U12M, cleaning materials, patch cords and deluxe carrying case.
FIT-S005-NT	Professional (No test) - 200/400X FBP Probe, HD3 Display. Tips: SC, LC, FC, ST, SC-APC, U25M, U25MA, U12M, cleaning materials, patch cords and deluxe carrying case.



MP-60 Miniature USB 2.0 Power Meter with FiberChek2™ Integration

The new MP-series Power Meter from JDSU is a miniature device that measures optical power via a USB 2.0 connection to a PC/laptop. This unique device makes digital processing of optical power measurements possible and integrates directly with the JDSU FiberChek2 software, the industry-leading automated fiber inspection and analysis program. Its size, functionality, and ease-of-use makes it an extremely useful and practical tool when testing optical power levels. The simple, straightforward, and intuitive software interface offers a well-organized digital solution to both fiber inspection and test procedures.

Ordering Information

Part #	Description
MP-60	USB Power Meter: Includes software, 2.5mm interface and carrying pouch.
MP-60A	USB Power Meter: Includes software, 2.5mm and 1.25mm interface, 30" USB extender and carrying pouch.

JDSU Fiber Inspection & Test Systems



FIT Series

Integrated Fiber Inspection & Test System

The HP3-60 system, derived from the popular HD3 series, provides high-quality image resolution in a compact, portable design. The integrated power meter offers quick, easy, and convenient field measurement of optical power and attenuation. Easy push-button operation makes the device simple and straightforward, while the inspect-test process establishes optimal workflow practices.

The HP3-60-P4 system gives the added benefit of an integrated 400x patch cord inspection scope and kits are available that include a FBP probe scope and/or cleaning supplies.



FIT-HP3-60

Handheld display and integrated power meter only. Requires FBP Series probe scope with 4-pin output for bulkhead inspection capability.



FIT-HP3-60-P4

Uses the HP3-60 platform but includes an integrated 400x integrated patch cord inspection scope. A push button A/B switch allows the user to toggle between the patch cord and bulkhead (probe) view. Requires FBP Series probe scope with 4-pin output for bulkhead inspection capability.



FIT-S105

Kit that includes an FBP-P5 200/400x dual magnification probe scope with the HP3-60-P4 fiber inspection & test system with integrated patch cord inspection scope. Comes with a carry case and with or without connector cleaning materials.



FIT-S105-PRO

Same as the FIT-S105-C kit but also includes a visual fault locator and fiber utility boot. The FBP-P5 200/400x dual magnification probe scope, HP3-60-P4 fiber inspection & test system with integrated patch cord inspection scope, FFL-050 visual fault locator and IBC cleaner are all integrated together into a seamless system that is fast, portable and easy.

Ordering Information

Part Number	Description
FIT-HP3-60	Handheld display with integrated power meter
FIT-HP3-60-P4	Handheld display with integrated power meter and 400x patch cord inspection scope
FIT-S105	Kit: Includes the FIT-HP3-60-P4, FBP-P5 200/400x probe and carry case
FIT-S105-C	Kit: Includes the FIT-HP3-60-P4, FBP-P5 200/400x probe, carry case and cleaning materials
FIT-S105-PRO	Kit: Includes the FIT-HP3-60-P4, FBP-P5 200/400x probe, carry case, cleaning materials, FFL-050 visual fault locator and utility boot