SPEC SHEET

FIP-200/210 Connector Checker™

PURPOSE-BUILT FOR BROADBAND SERVICE ACTIVATION

- Compact, intuitive, with adapted pass/fail thresholds and cloud-hosted job management to ensure compliance and trouble-free activation in one click.

CONNECTED VIA EXchange

ISE NETWORK INNOVATORS' AWARDS SILVER

KEY FEATURES

- Streamlined form factor and easy to use
- Single-button operation for power-on and capture
- Five-bar rating (LED lights) to quickly assess cleanliness of the connector
- Visually clear pass/fail thresholds adapted to broadband context
- Long-reach head to easily access dense panels and cabinets
- Variety of tips available for most common FTTH fiber terminals
- Quick-connect design: quarter-turn click for switching between tips
- Short-reach head for cost-effective SC inspection
- Rugged and designed for the field
- Test all day without any interruption:
  - Long-lasting battery
  - Stores test results locally
- Cloud-hosted job management and reporting via EXFO Exchange™ to ensure compliance within and across technician crews
- Autonomous operation, can be used with or without a smartphone
- Displays connector endface image on smartphone via EXFO Exchange (**FIP-210 model only**)

APPLICATIONS

- Fiber-to-the-home (FTTH)
- Service activation

RELATED PRODUCTS

Cleaning kits

EXFO

TROUBLE-FREE BROADBAND ACTIVATION IN ONE CLICK

The FIP-200/210 builds on EXFO's trusted experience in fiber inspection with leading features:

- Enhanced illumination technique based on two LEDs
- Blue LEDs (460-nm light) for better contrast
- Solid-state optical system. No moving parts for increased reliability.
- Dual-core CPU, for faster acquisition, analysis and boot time

Did you know?

Dirty or damaged connectors remain the no.1 cause of network outages worldwide.

Inspection is vital to ensure service reliability. Do it in one click with the FIP-200/210.

PACKED WITH INNOVATIVE FEATURES

Super easy to use

With one-button operation for power-on and image capture, the FIP-200/210 works anywhere—even in the dark or upside down. Just affix it to a connector, press the button, and get the result. No settings or configuration needed.

Purpose-built

Pass/fail thresholds adapted to broadband activation, featuring a 5-bar rating to assess connector cleanliness and avoid unnecessary connector handling.

Compliance through connectivity

Ensure compliance across teams and simplify reporting through the cloud-hosted job and test data management capabilities of EXFO Exchange.

Autonomous mode

The Connector Checker can also operate independently, with no phone required for basic functions.

Easy to carry

Sleek shape for technicians on the move, and comes with EXFO's proven field ruggedness.

Longer reach

With the long-reach optical head available, you can access dense panels without disrupting adjacent fibers.

Over-the-air software updates

Easy software updates via Wi-Fi.

Quick-connect tips

With the long-reach optical head, swap tips in a quarter-turn click to quickly move from one test point to the next.

KEEP TRACK OF YOUR TEST POINTS

To keep track of the different test points required on the job, inspection results can be uploaded to EXFO Exchange; complete with timestamp and geolocation.

THE FIP-210 ADVANTAGE

The FIP-210 includes all the advantages of the FIP-200 while also displaying the connector endface image on a smartphone, via the EXFO Exchange app.

Accessing the image lets you:

- Interpret the 5-bar rating with precision
- Take the right action based on the connector's condition
- Include the image in the EXFO Exchange report

TEST ALL DAY WITH LOTS OF BATTERY LIFE AND MEMORY

Long battery life

The Connector Checker is powered by a lithium-polymer rechargeable battery which can provide multiple days of use without needing a recharge.

High storage capacity

With an internal memory that can save up to 100 test results, there is no need to stop and offload results. It can be done at the end when wrapping up the installation.

These features, added to an ergonomic hand grip, all come together in helping technicians close jobs without any interruption.

RETURN ON INVESTMENT

The Connector Checker is designed to make fiber inspection a seamless process for fiber installation technicians, improving network quality and preventing repeat truck rolls so that it pays for itself.

No training nedeed

Single-button, fully automated inspection combined to a visual rating makes it easy for any technician to make the most of the device, without training.

Higher initial success rate

It is proven that checking connectors during FTTH service activation yields a higher success rate the first time; cutting down on the need for rework and repeat truck rolls.

Results in seconds

With an end-to-end inspection time of less than 10 seconds, technicians are not slowed down when checking connectors.

Warranty

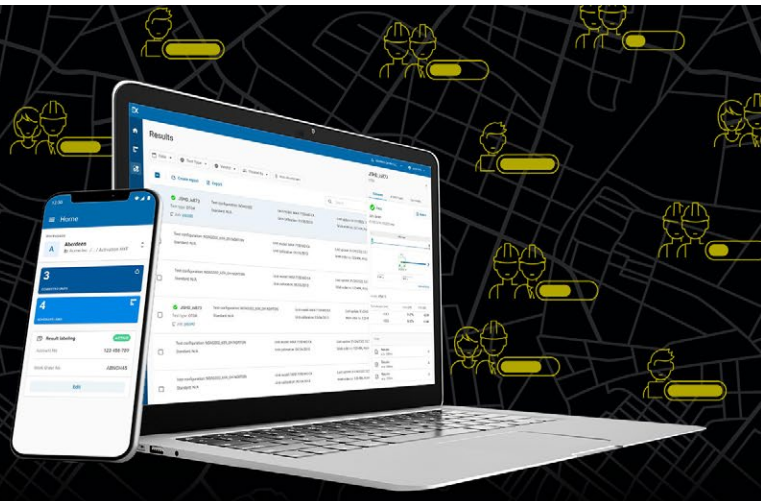
Comes with a 1-year warranty and EXFO's proven durability.

PRODUCT OVERVIEW

1. Interchangeable tips
2. Long-reach optical head
3. 5-bar rating LEDs
4. Capture button
5. Battery status LED
6. Textured handle for good grip
7. USB-C recharging port
8. Hook for wrist strap

EXchange

SHARE TEST RESULTS. BOOST COMPLIANCE. UNLOCK INSIGHTS.



Cloud-hosted solution for sharing test results and ensuring compliance.

Paired with EXFO's leading test instruments, EXFO Exchange drives an entire ecosystem, while integrating seamlessly with existing operation processes.

KEY BENEFITS

- **Automate test results management**
- **Boost compliance and efficiency**
- **Improve collaboration and visibility**
- **Access comprehensive reporting**
- **Unlock insights to see what matters**

SIMPLE SETUP IN THREE STEPS

1

Create your free EXFO Exchange account

Begin your journey by creating an EXFO Exchange account. Setting up your account is quick and easy.

Create an account

2

Install the mobile app

Download the EXFO Exchange app to allow test data from compatible EXFO devices to be uploaded securely to the cloud (free of charge).

GET IT ON Google Play | Download on the App Store

For MaxTester and FTB users, install the native app.

Access the Native app

3

Save time and boost efficiency

Once your account created—and the mobile app installed and paired with compatible EXFO devices—all test results will be sent to the cloud. On the web app, you will see field test results from all invited testers.

Get **started >**

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SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
End-to-end inspection and analysis time	7 seconds
Field of view	Single-fiber: 0.75 mm × 0.75 mm
Pass/fail analysis	5-bar rating for FTTH networks
Camera sensor	5 megapixels
Light source	Blue LED at (460 ±10 nm)

GENERAL SPECIFICATIONS	
PLATFORM AND USABILITY	
CPU	1.4 GHz dual core
Connectivity	Bluetooth® and Wi-Fi
Connector	USB-C
Local storage capability	100 single-fiber measurements
EXFO Exchange synchronization	Yes
Supported languages (user manual) [a]	English, French
BATTERY AND POWER	
Battery type	Lithium-ion polymer (Li-Po) rechargeable battery
Autonomy	210 captures 3h30 at 1 capture per minute
Charging time	46 minutes to 50% 120 minutes to 100%
PHYSICAL AND ENVIRONMENTAL INFORMATION	
Size (H × W × D)	247 mm × 40 mm × 38 mm (9 ³⁄₄ in × 1 ⁵⁄₈ in × 1 ¹⁄₂ in) [b]
Reach (long-reach head)	60 mm (2 ³⁄₈ in)
Weight	137 g (0.3 lb)
Temperature (operating)	–10 °C to 40 °C (14 °F to 104 °F)
Temperature (storage)	–20 °C to 60 °C (–4 °F to 140 °F)
Relative humidity	0 % to 95 % non-condensing

ACCESSORIES (INCLUDED)	
GP-3257	USB-A to USB-C cable 1 m (USB 2.0 only)
GP-3258	Protective cap and cord assembly

ACCESSORIES (SOLD SEPARATELY OR INCLUDED WITH KITS)	
GP-2227	USB AC adapter (includes interchangeable plugs for Australia, Europe, North America and UK)
GP-3253	Soft pouch
GP-3254	Combo pouch
GP-3255	Belt holster
GP-3256	Replacement battery

a. Translations available upon request.

b. FIP-200/210 body with tip.

GP-2227

GP-3253

GP-3254

GP-3255

GP-3256

GP-3257

GP-3258

FIP-200 – 5-BAR CONNECTOR RATING

ORDERING INFORMATION

FIP-200-A-KIT-XX

FIP-200 kits

FIP-200-A-KIT-1 = SC/APC inspection kit
Includes FIP-200-A with OHC-L long-reach optical head, CTIP-SC inspection tip, soft carrying case (GP-3253), power supply (GP-2227).

FIP-200-A-KIT-2 = SC/APC + LC/APC inspection kit
Includes FIP-200-A with OHC-L long-reach optical head, CTIP-SC inspection tip, CTIP-LC inspection tip, soft carrying case (GP-3253), power supply (GP-2227).

FIP-200-A-XX-XX

Configuration
FIP-200-A = FIP-200 Connector Checker, APC

Optical head [a]
OHC-SC = Short-reach optical head for SC connector
OHC-L = Long-reach optical head with quick-connect for CTIP [b]

Single-fiber tips [c]
CTIP-SC = Inspection tip for SC/APC connector
CTIP-LC = Inspection tip for LC/APC connector
CTIP-OTAP = Inspection tip for Corning OptiTap® connector
CTIP-PLOK = Inspection tip for Corning Pushlok™ connector
CTIP-DLX = Inspection tip for Commscope DLX connector
CTIP-FASTC = Inspection tip for Huawei FastConnect connector

Example: FIP-200-A-OHC-L-CTIP-SC-CTIP-OTAP

FIP-210 – IMAGE DISPLAY ON SMARTPHONE VIA EXFO EXCHANGE

ORDERING INFORMATION

FIP-210-A-KIT-XX

FIP-210 kits

FIP-210-A-KIT-1 = SC/APC inspection kit
Includes FIP-210-A with OHC-L long-reach optical head, CTIP-SC inspection tip, soft carrying case (GP-3253), power supply (GP-2227).

FIP-210-A-KIT-2 = SC/APC + LC/APC inspection kit
Includes FIP-210-A with OHC-L long-reach optical head, CTIP-SC inspection tip, CTIP-LC inspection tip, soft carrying case (GP-3253), power supply (GP-2227).

FIP-210-A-XX-XX

Configuration
FIP-210-A = FIP-210 Connector Checker, APC

Optical head [a]
OHC-SC = Short-reach optical head for SC connector
OHC-L = Long-reach optical head with quick-connect for CTIP [b]

Single-fiber tips [c]
CTIP-SC = Inspection tip for SC/APC connector
CTIP-LC = Inspection tip for LC/APC connector
CTIP-OTAP = Inspection tip for Corning OptiTap® connector
CTIP-PLOK = Inspection tip for Corning Pushlok™ connector
CTIP-DLX = Inspection tip for Commscope DLX connector
CTIP-FASTC = Inspection tip for Huawei FastConnect connector

Example: FIP-210-A-OHC-L-CTIP-SC-CTIP-OTAP

a. More than one optical head or CTIP can be ordered together with the FIP-200/210.
b. Requires one or multiple CTIPs.
c. Long-reach optical head required.

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