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**Data Sheet**

August 13, 2026

EXFO

## Exfo FTB-870 NetBlazer Multiservice Tester

Key Features - Multiservice testing up to about 10/11.3 Gbit/s - RJ45 10/100/1000M electrical Ethernet - SFP+ for OC-192/STM-64, 10GigE, FC 8x/10x, OTU2, CPRI 9.8G - SFP for OTU1, OC-1.48 / STM-0.16, FC 1x/2x/4x, GigE, CPRI/OBSAI - Bantam and RJ48C for DS1/E1/ISDN PRI - BNC for DS3/E1/E3/E4 and STS/STM electrical - EtherSAM Y.1564, RFC 2544, EtherBERT, Smart Loopback - Discontinued NetBlazer module (replacement MAX-800 family) Technical Specifications Model: FTB-870 NetBlazer Manufacturer: EXFO Instrument Type: Multiservice Tester Module Max rate: up to 11.3 Gbit/s family Electrical Ethernet: RJ45 10/100/1000M SFP+ rates: OC-192; STM-64; 10GigE; FC 8X/10X; OTU2; CPRI 9.8 Gbit/s SFP rates: OTU1; OC-1/3/12/48; STM-0/1/4/16; FC 1X/2X/4X; 100/1000M Ethernet SFP wireless rates: CPRI 1.2G to 6.1G; OBSAI 3.



MODEL

**Exfo FTB-870**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**FTB-870**

LISTING

<https://aumictechlabs.com/products/ftb-870-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

### This unit

The EXFO FTB-870 NetBlazer is a multiservice test module that validates Ethernet, SONET/SDH, OTN, Fibre Channel, CPRI/OBSAI, and SyncE/1588 PTP networks across speeds from 10 Mbps to 11.3 Gbit/s. Field technicians deploy this tester for service activation, validation, and maintenance in diverse network environments. The touchscreen and keypad interface, coupled with intelligent autodiscovery and automated test sequences, streamlines complex testing procedures. Technical Specifications Speed Range: 10 Mbps to 11.3 Gbit/s Ethernet Testing: Supports up to 10 Gbit/s with

Carrier Ethernet OAM (Y.1731, G.8113.1, MEF, 802.1ag), RFC 6349 TCP throughput validation, EtherSAM (ITU-T Y.1564), and RFC 2544 test suites. Full-line-rate packet capture and advanced filtering included. SONET/SDH Testing: Installation, commissioning, and maintenance capabilities for access and metro networks. Monitors alarms, errors, J0/J1 traces, and path signal label (C2) via 10 Gigabit Ethernet WAN interface with round-trip delay assessment. OTN (ITU-T G.709): Testing to 11.3 Gbit/s with forward error correction (FEC) support. Fibre Channel: Supports 1x, 2x, 4x, 8x, and 10x interfaces with full wire-speed traffic generation at FC-2 layer for BER testing and link integrity. CPRI/OBSAI: Validates CPRI rates from 1.2 Gbit/s to 9.8 Gbit/s with BBU/RRH emulation, unframed BER testing, and real-time RF spectrum analysis over CPRI links. SyncE/1588 PTP: Validates SyncE frequency, ESMC messages, clock quality levels, and 1588 PTP packet network synchronization with PTP client emulation. DSn/PDH & ISDN/PRI: Full DS1/E1 primary rate interface testing and troubleshooting support.

**Key Features**

- Simplified BER testing with user-definable pass/fail thresholds
- Error injection for bit errors and circuit continuity verification
- Latency and round-trip delay measurement
- Wire-speed, stateful TCP throughput measurement
- Touchscreen and keypad navigation
- Intelligent autodiscovery of remote testers
- Automated test sequences

**Typical Applications**

- Service activation and turn-up
- Network performance validation
- FTTA (Fibre-to-the-Antenna) commissioning
- Metro and access network maintenance
- Synchronization service verification

**Compatibility & Integration**

Designed for field technician deployment across multivendor network environments supporting access, metro, and core infrastructure.

## Features & description

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From manufacturer datasheet

### Features

- Multiservice testing up to about 10/11.3 Gbit/s

## FTB870 Characteristics / Specifications

| PARAMETER                       | VALUE                                                             |
|---------------------------------|-------------------------------------------------------------------|
| Model                           | FTB-870 NetBlazer                                                 |
| Manufacturer                    | EXFO                                                              |
| Instrument Type                 | Multiservice Tester Module                                        |
| Max rate                        | up to 11.3 Gbit/s family                                          |
| Electrical Ethernet             | RJ45 10/100/1000M                                                 |
| SFP rates                       | OTU1; OC-1/3/12/48; STM-0/1/4/16; FC 1X/2X/4X; 100/1000M Ethernet |
| SFP wireless rates              | CPRI 1.2G to 6.1G; OBSAI 3.1G                                     |
| BNC electrical                  | DS3; E1/E3/E4; STS-1e/STS-3e; STM-0e/STM-1e                       |
| Bantam RJ48C                    | DS1; E1; ISDN PRI                                                 |
| OC 3 STM 1 Tx bit rate          | 155.52 Mbit/s +/-4.6 ppm                                          |
| OC 12 STM 4 Tx bit rate         | 622.08 Mbit/s +/-4.6 ppm                                          |
| OC 48 STM 16 OTU1 Tx bit rate   | 2.48832 Gbit/s +/-4.6 ppm                                         |
| OTU1 Tx bit rate                | 2.66606 Gbit/s +/-4.6 ppm                                         |
| Frequency offset generation ppm | +/-50                                                             |
| EtherSAM                        | ITU-T Y.1564 yes                                                  |
| RFC 25                          | yes                                                               |
| EtherBERT                       | yes                                                               |
| Fibre Channel BERT              | 1x/2x/4x/8x/10x family coverage                                   |
| ISDN PRI                        | DS1 or E1 primary rate                                            |
| Through mode                    | supported in NetBlazer Ethernet suite                             |
| Smart Loopback                  | yes                                                               |
| Host platforms                  | FTB series modular platforms                                      |
| Product status                  | discontinued 2016-08-31; support historically to 2021-08-31       |
| Alias                           | FTB870; NetBlazer 870                                             |
| Related models                  | FTB-860; FTB-880; FTB-870v2                                       |

| PARAMETER                          | VALUE                                                                                                                                                                                                                                                    |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tx accuracy optical interfaces ppm | +/-4.6 typical sheet                                                                                                                                                                                                                                     |
| Rx bit rate tolerance OC 48 ppm    | +/-100 typical sheet Notes Specs from EXFO NetBlazer Series OEM specification sheet covering FTB-870. Exact licensed rates and installed SFPs determine capabilities. Later 870v2/870Q supersede some interfaces; confirm ToolBox inventory on the host. |

# 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                                                       |                                                                   |
|----------------------------------------------------------------------|-------------------------------------------------------------------|
| Specifications                                                       |                                                                   |
| PARAMETER                                                            | VALUE                                                             |
| Model                                                                | FTB-870 NetBlazer                                                 |
| Manufacturer                                                         | EXFO                                                              |
| Instrument Type                                                      | Multiservice Tester Module                                        |
| Max rate: up to 11.3 Gbit/s family                                   |                                                                   |
| Electrical Ethernet: RJ45 10/100/1000M                               |                                                                   |
| SFP+ rates: OC-192; STM-64; 10GigE; FC 8X/10X; OTU2; CPRI 9.8 Gbit/s |                                                                   |
| Specifications                                                       |                                                                   |
| PARAMETER                                                            | VALUE                                                             |
| SFP rates                                                            | OTU1; OC-1/3/12/48; STM-0/1/4/16; FC 1X/2X/4X; 100/1000M Ethernet |
| SFP wireless rates                                                   | CPRI 1.2G to 6.1G; OBSAI 3.1G                                     |
| BNC electrical                                                       | DS3; E1/E3/E4; STS-1e/STS-3e; STM-0e/STM-1e                       |
| Specifications                                                       |                                                                   |
| PARAMETER                                                            | VALUE                                                             |
| Bantam RJ48C                                                         | DS1; E1; ISDN PRI                                                 |
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| OC 48 STM 16 OTU1 Tx bit rate: 2.48832 Gbit/s +/-4.6 ppm             |                                                                   |
| Specifications                                                       |                                                                   |
| PARAMETER                                                            | VALUE                                                             |
| OTU1 Tx bit rate                                                     | 2.66606 Gbit/s +/-4.6 ppm                                         |
| Frequency offset generation ppm                                      | +/-50                                                             |
| EtherSAM                                                             | ITU-T Y.1564 yes                                                  |
| Specifications                                                       |                                                                   |

| PARAMETER          | VALUE                           |
|--------------------|---------------------------------|
| RFC 2544           | yes                             |
| EtherBERT          | yes                             |
| Fibre Channel BERT | 1x/2x/4x/8x/10x family coverage |

## Specifications

| PARAMETER      | VALUE                                 |
|----------------|---------------------------------------|
| ISDN PRI       | DS1 or E1 primary rate                |
| Through mode   | supported in NetBlazer Ethernet suite |
| Smart Loopback | yes                                   |

## Specifications

| PARAMETER      | VALUE                                                       |
|----------------|-------------------------------------------------------------|
| Host platforms | FTB series modular platforms                                |
| Product status | discontinued 2016-08-31; support historically to 2021-08-31 |
| Alias          | FTB870; NetBlazer 870                                       |

## Specifications

| PARAMETER                          | VALUE                       |
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| Related models                     | FTB-860; FTB-880; FTB-870v2 |
| Tx accuracy optical interfaces ppm | +/-4.6 typical sheet        |
| Rx bit rate tolerance OC 48 ppm    | +/-100 typical sheet        |

### Notes

Specs from EXFO NetBlazer Series OEM specification sheet covering FTB-870. Exact licensed rates and installed SFPs determine capabilities. Later 870v2/870Q supersede some interfaces; confirm ToolBox inventory on the host.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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NIST-traceable calibration · SAM registered ·  
30-day returns  
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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.