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Data Sheet

August 14, 2026

EXFO

Exfo FTB-2-88100NGE Multi-Service Power Blazer Test Module

The Exfo FTB-2-88100NGE Power Blazer is a multi-service, high-speed test module supporting Ethernet, OTN, SONET/SDH, and Fibre Channel testing up to 100 Gbps. It enables service validation, BER testing, and protocol analysis. Designed for modern networks, it's ideal for verifying high-capacity links in lab and field environments.



MODEL

Exfo FTB-2-88100NGE

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FTB-2-88100NGE

LISTING

<https://aumictechlabs.com/products/ftb-2-88100nge-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO FTB-2-88100NGE Multi-Service Power Blazer Test Module is a multiservice test platform engineered for Ethernet, OTN, SONET/SDH, Fibre Channel, and emerging packet synchronization protocols. Operating across data rates from 10 Mbps to 100 Gbps, this module integrates into EXFO's FTB-2 Pro ecosystem to deliver wire-speed traffic generation, bit-error-rate testing, and protocol analysis in both laboratory and field deployments. Technical Specifications Ethernet: 10 Mbps to 100 Gbps OTN: OTU1 to OTU4 (standard and overclocked rates), OTU1e, OTU2e, OTU1f, OTU2f, OTU3, OTU3e1, OTU3e2 SONET/SDH: OC-1/STM-0 to OC-768/STM-256 Fibre Channel: 1x, 2x, 4x, 8x, 10x interfaces Packet Synchronization: SyncE/1588 PTP CPRI/OBSAI and eCPRI protocol support Transceiver interfaces: CFP, CFP2, CFP4, QSFP28,

QSFP+, SFP+ Key Features Dual-port 10G Ethernet with simultaneous traffic generation and analysis at 100% wire speed and independent error injection Stateful TCP throughput testing at wire speed per RFC 6349 BERT capabilities across OTN, SONET/SDH, Fibre Channel, and Ethernet with real-time pass/fail status Traffic generation and monitoring: up to 16 streams with configurable Ethernet and IP QoS (VLAN ID, priority, stacking, ToS, DSCP), traffic shaping with burst and ramp modes iSAM service activation using ITU-T Y.1564 and RFC 6349; EtherSAM configuration and performance testing OTN and SONET/SDH overhead manipulation and monitoring Protocol analysis for OTN, Ethernet, and SONET/SDH Automated RFC 2544 test suites and 100G stress-test application Software-enabled scalability: 10 Mbps to 100 Gbps without hardware return or upgrade Test Function Virtualization (TFv) support: FTB Anywhere floating licenses and FTB OnDemand time-based licensing Typical Applications Service validation, SLA enforcement, network performance characterization, carrier Ethernet deployment, multiprotocol network testing, and optical transport validation. Compatibility & Integration Module operates within EXFO's FTB-2 Pro platform architecture.

FTB288100NGE Characteristics / Specifications

PARAMETER	VALUE
Module	FTB-88100NGE
Platform Example	FTB-2 Pro
Ethernet 100GE Rate	103.125 Gbit/s
Ethernet 40GE Rate	41.25 Gbit/s
Ethernet 10GigE	10G LAN and 10G WAN
GigE Bundle	10/100/1000BASE-T 100BASE-FX 1000BASE-X
OTU4 Rate	111.81 Gbit/s
OTU3 Rate	43.018 Gbit/s
OTU3e Rates	44.57 and 44.58 Gbit/s
OTU2 Rate	10.709 Gbit/s
OTU2 Overclocked Rates	11.049/11.096 and 11.270/11.318 Gbit/s
OTU1 Rate	2.666 Gbit/s
SONET 2.5G Bundle	52M 155M 622M 2488M
Fibre Channel Options	FC1X FC2X FC4X FC8X FC10X
Transceiver Form Factors	CFP and CFP2
Ethernet Test Suites	EtherSAM Y.1564 RFC 6349 RFC 2544 class
Sync Options	SyncE and 1588 PTP
IPv6 Option	yes including 40GE/100GE
MPLS Option	yes including 40GE/100GE
Dual Port 10GigE Option	DUAL-PORT
Packet Capture Option	ETH-CAPTURE full-line-rate
Through Mode Option	ETH-THRU
Sibling Lab Module	IQS-88100NGE

FTB288100NGE Specifications

PARAMETER	VALUE
Key Features	10M-to-100G multiservice in one module
CFP and CFP2 transceiver coverage	EtherSAM ITU-T Y.1564 and RFC 6349
OTN SONET/SDH and Fibre Channel options	Housed in FTB-2 Pro for compact field use
Technical Specifications	Module: FTB-88100NGE

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
Module	FTB-88100NGE
Platform Example	FTB-2 Pro
Ethernet 100GE Rate	103.125 Gbit/s
Ethernet 40GE Rate	41.25 Gbit/s
Ethernet 10GigE	10G LAN and 10G WAN
GigE Bundle	10/100/1000BASE-T 100BASE-FX 1000BASE-X
OTU4 Rate	111.81 Gbit/s
OTU3 Rate	43.018 Gbit/s
OTU3e Rates	44.57 and 44.58 Gbit/s
OTU2 Rate	10.709 Gbit/s
OTU2 Overclocked Rates	11.049/11.096 and 11.270/11.318 Gbit/s
OTU1 Rate	2.666 Gbit/s
SONET OC-768 STM-256: 39.81 Gbit/s	
SONET OC-192 STM-64: 9953 Mbit/s	
Specifications	
PARAMETER	VALUE
SONET 2.5G Bundle	52M 155M 622M 2488M
Fibre Channel Options	FC1X FC2X FC4X FC8X FC10X
Transceiver Form Factors	CFP and CFP2
Ethernet Test Suites	EtherSAM Y.1564 RFC 6349 RFC 2544 class
Sync Options	SyncE and 1588 PTP
IPv6 Option	yes including 40GE/100GE
MPLS Option	yes including 40GE/100GE
Dual Port 10GigE Option	DUAL-PORT
Packet Capture Option	ETH-CAPTURE full-line-rate
Through Mode Option	ETH-THRU

PARAMETER	VALUE
Sibling Lab Module	IQS-88100NGE

Notes

From EXF0 FTB-88100NGE/88100G Power Blazer Series specification/ordering sheets. Confirm enabled rate bundles and CFP/CFP2 optics installed on the module configuration label.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.