8520

IIII NETWORK TESTING

- Fully integrated functionality for installing, commissioning and maintaining Fibre Channel networks

- FC-0, FC-1 and FC-2 logical layer configuration for Fibre Channel port definition, testing and performance analysis

- Round-trip latency measurement and buffer-to-buffer credit estimation

- Dual test ports with 1 Gb/s (100 MB/s) and 2 Gb/s (200 MB/s) full-line-rate Fibre Channel traffic generation and BER testing

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Telecommunications Test and Measurement

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EXPERTISE REACHING OUT
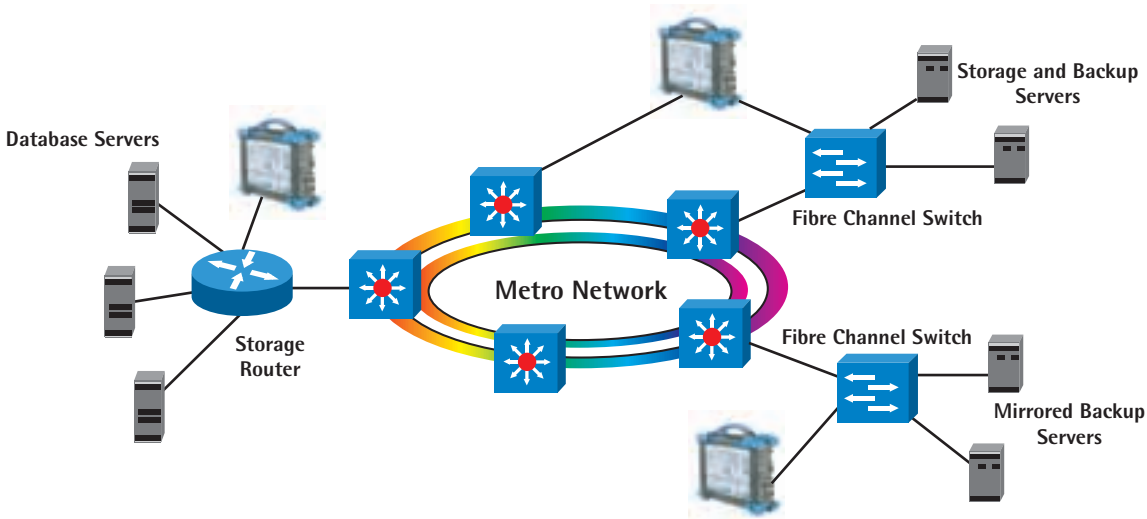
The Next Step in Fibre Channel Network Testing

Housed in the FTB-400 Universal Test System, EXFO's FTB-8520 Packet Blazer SAN Test Module brings FC-0, FC-1 and FC-2 logical layer Fibre Channel testing to services delivered via transport protocols, such as DWDM, SONET/SDH and dark fiber. It provides valuable timing information and buffer credit estimation for Fibre Channel network deployment.

KEY FEATURES

- Simultaneous traffic generation and analysis at 100 % wire speed for 1 Gb/s and 2 Gb/s rates on dual test ports
- Easy-to-use Smart User Interface (SUI) for configurable screens, customization of test routines, as well as real-time and historical performance reporting
- Fully integrated FC-0, FC-1 and FC-2 logical layer testing, enabling fabric and port login
- Round-trip latency measurements for assessing the capability of a link
- Buffer-to-buffer credit estimation for optimal configuration of Fibre Channel nodes
- BER testing of Fibre Channel circuits

The FTB-8520 Packet Blazer SAN Test Module is housed in the FTB-400 Universal Test System, EXFO's tough, all-in-one portable platform.
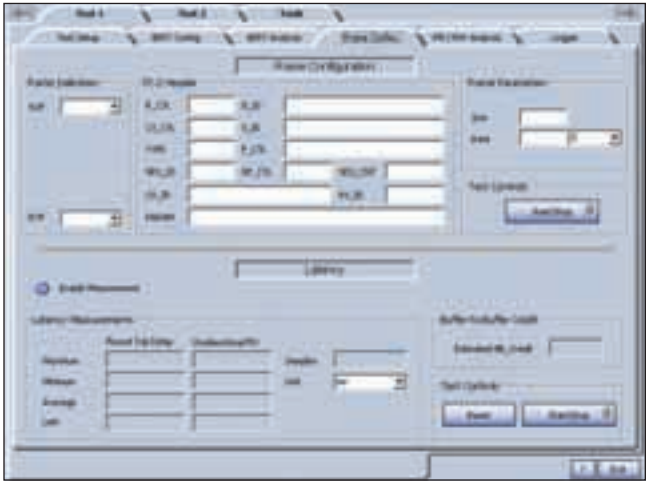

Thanks to end-to-end network testing capabilities, EXFO's FTB-8520 enables fast deployment and configuration of Fibre Channel networks. Communication between the transport network, interconnection devices and end nodes can be validated with features such as BER testing, latency measurement, buffer-to-buffer credit estimation and port login capabilities.

Efficient Testing Leads to Reliable Performance

EXFO's FTB-8520 Packet Blazer SAN Test Module enables the testing of both telecom and Fibre Channel services, and it lets you conduct end-to-end latency testing. What's more, the FTB-8520 helps you ensure long-term integrity and error-free data delivery across Fibre Channel links.

User-Friendly Interface

The FTB-8520 Packet Blazer SAN's easy-to-use Smart User Interface (SUI) lets you tailor screen configurations, customize test routines and format reports on real-time and historical performance.

First-Class Comprehensiveness

The FTB-8520 performs Fibre Channel testing at wire-speed, full-duplex 100 MB/s and 200 MB/s, and it simultaneously delivers traffic generation at 100 % wire speed. This versatile module also features bit-error-rate testing (BERT) for Fibre Channel networks.

Buffer-to-Buffer Credit Estimation

Estimating buffer credit values is a crucial part of Fibre Channel network deployment. The FTB-8520 performs this task with high accuracy, taking into account network distance, latency and peak-traffic analysis.

SPECIFICATIONS

	FTB-8520-1	FTB-8520-2
Port	One Fibre Channel port	Two Fibre Channel ports
Rate (MB/s)	100 and 200 (software option)	100 and 200 (software option)
Connector type	LC	LC
Optical transceivers	850 nm short-wave optics	850 nm short-wave optics
	1310 nm long-wave optics	1310 nm long-wave optics
	1550 nm long-wave optics	1550 nm long-wave optics
Port capacity	Full-line-rate traffic generation and analysis	Full-line-rate traffic generation and analysis

GENERAL SPECIFICATIONS

Weight (without transceiver)	0.5 kg	(1.1 lb)
Size (H x W x D)	2.5 cm x 9.6 cm x 26 cm	(1 in x 3³/₄ in x 10¹/₄ in)
Temperature		
operating	0 °C to 40 °C	(32 °F to 104 °F)
storage	-40 °C to 60 °C	(-40 °F to 140 °F)

ORDERING INFORMATION

FTB-85XX

MODULE

Model
FTB-8520-1: Packet Blazer SAN, 1 port
FTB-8520-2: Packet Blazer SAN, 2 ports
FTB-8521 (software option)

TK-400-8500-XX-XX-XX-FTB-85XX-XX-XX-XX

TEST KIT

Screen code
D3: STN passive screen
D4: TFT active screen

Memory
N10: 256 MB
N12: 512 MB

Expansion unit
00: 2-slot module receptacle
H: 7-slot module receptacle

Model
FTB-8520-1: Packet Blazer SAN, 1 port
FTB-8520-2: Packet Blazer SAN, 2 ports

850 nm transceiver options
FTB-8593-1: 1 transceiver module
FTB-8593-2: 2 transceiver modules

1310 nm transceiver options
FTB-8594-1:1 transceiver module
FTB-8594-2: 2 transceiver modules

1550 nm transceiver options
FTB-8595-1: 1 transceiver module
FTB-8595-2: 2 transceiver modules

TRANSCEIVER

FTB-859X
FTB-8593: 2.125/1.0625 Gb/s Fibre Channel, 1.25 Gigabit Ethernet, 850 nm (200-M5/M6-SN-I/100-M5/M6-SN-I/1000 Base-SX); optical SFP transceiver module with LC connectors.
FTB-8594: 2.125/1.0625 Gb/s Fibre Channel, 1.25 Gigabit Ethernet, 1310 nm (200-SM-LC-L/100-SM-LC-L/1000 Base-LX); optical SFP transceiver module with LC connectors.
FTB-8595: 2.125/1.0625 Gb/s Fibre Channel, 1.25 Gigabit Ethernet, 1550 nm (200-SM-LL-L/100-SM-LL-L/1000 Base-ZX); optical SFP transceiver module with LC connectors.

SOFTWARE OPTION

FTB-852X
FTB-8521: 200 MB/s software option

UPGRADE KIT

FTB-858X
FTB-8582: 2-port upgrade kit for FTB-8520 Packet Blazer SAN

Find out more about EXFO's extensive line of high-performance portable instruments by visiting our website at **www.exfo.com.**

Rugged Handheld Solutions		Optical Fiber	DWDM Test Systems	Telecom/Datacom
	OLTS	OTDR	OSA	10/100 and Gigabit Ethernet
	Power meter	OLTS	PMD analyzer	SONET/SDH (DS0 to OC-192c)
	Light source	ORL meter	Chromatic dispersion analyzer	SDH/PDH (64 kb/s to STM-64c)
	Talk set	Switch	Multiwavelength meter	

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