Packet Blazer SAN Test Module

Fully integrated functionality for installation and commissioning of WDM networks with Fibre Channel interfaces to the FTB-400

Dual test ports for commissioning multiple customer circuits simultaneously

Long-term BER measurements (channel soaking) with simultaneous OSA monitoring

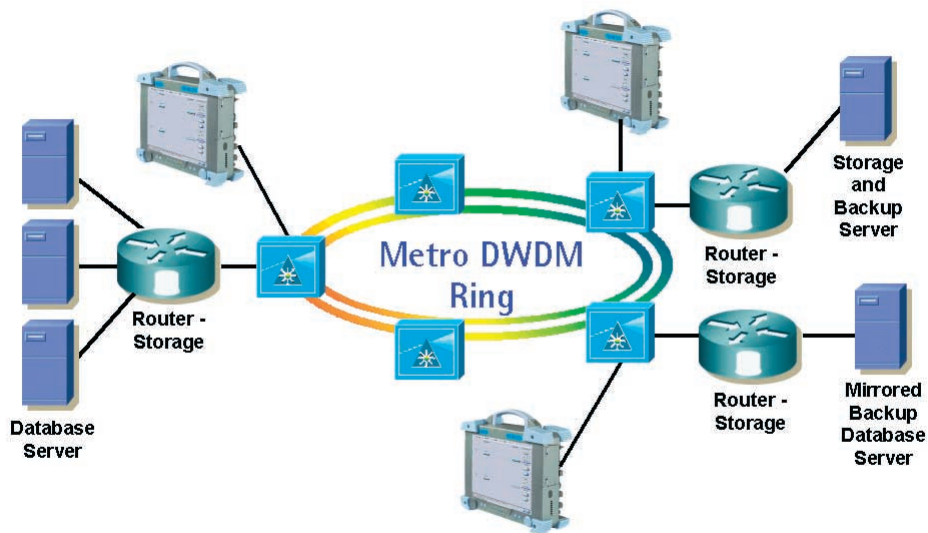Round-trip latency measurement for ensuring critical-delay applications are within specifications

Fiber-optic T&M, monitoring, manufacturing and assembly solutions

EXFO

EXFO's Packet Blazer SAN—Testing Fibre Channel in WDM Metro Networks

Housed in the FTB-400 platform, the Packet Blazer SAN Test Module brings Fibre Channel testing to WDM metro networks. The Packet Blazer SAN tests Fibre Channel connectivity over transparent WDM networks. By performing a round-trip latency measurement, the Packet Blazer SAN provides valuable timing information on delay-sensitive corporate applications.

Key Features

- Smart User Interface (SUI) for configurable screens, as well as real-time and historical performance reporting
- Transparent Fibre Channel-over-WDM testing at wire-speed, full-duplex 100 MB/s (1.0625 Gb/s)
- BER testing of 100 MB/s (1.0625 Gb/s) transparent Fibre Channel circuits
- Round-trip latency measurement for evaluating the capability of a link to transport delay-sensitive applications

Efficiency and Reliability

With the FTB-8515 Packet Blazer SAN, you can characterize Fibre Channel services, as well as conduct end-to-end performance testing with a single test module. The FTB-8515 ensures long-term integrity and error-free data delivery across transparent WDM links.
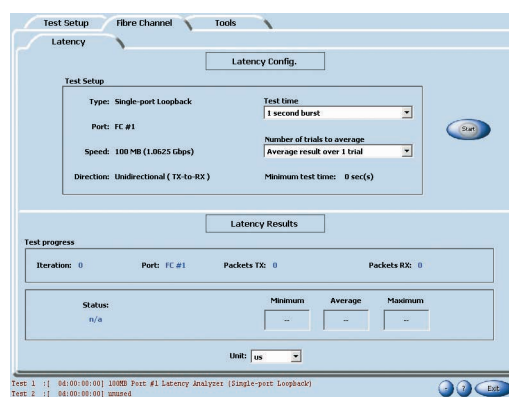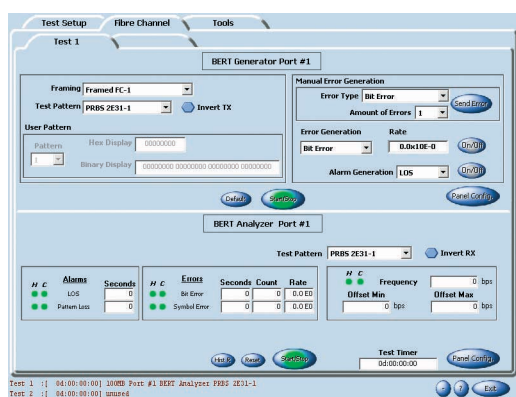
User-Friendly Interface

The 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-8515 performs transparent Fibre Channel testing at wire-speed, full-duplex 100 MB/s over WDM networks. This versatile module delivers simultaneous traffic generation and capture at 100 % wire speed for 100-SM-LL-I and 100-M5-SL-I WDM networks. The FTB-8515 also features bit-error-rate testing (BERT) for Fibre Channel circuits.

Packet Blazer Smart User Interface

Specifications

	FTB-8515-1	FTB-8515-2
Port	One Fibre Channel port	Two Fibre Channel ports
Rate	100 MB/s (1.0625 Gb/s)	100 MB/s (1.0625 Gb/s)
Connector Type	LC	LC
Optical Transceivers	850 nm short-wave optics	850 nm short-wave optics
	1300 nm long-wave optics	1300 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 3 $^3/_4$ in x 10 $^1/_4$ in)
Temperature		
Operating	0 ºC to 40 ºC	(32 ºF to 104 ºF)
Storage	-40 ºC to 60 ºC	(-40 ºF to 140 ºF)

Ordering Information

Ordering Module

FTB-85XX

Model
FTB-8515-1 = Packet Blazer SAN, 1 port
FTB-8515-2 = Packet Blazer SAN, 2 ports
For Fibre Channel optical interfaces, order an FTB-859X transceiver separately.

Ordering Test Kit

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

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

Transceiver 1300 nm options
8591-1 = 1 transceiver module
8591-2 = 2 transceiver modules

Transceiver 850 nm options
8590-1 = 1 transceiver module
8590-2 = 2 transceiver modules

Model
FTB-8515-1 = Packet Blazer SAN, 1 port
FTB-8515-2 = Packet Blazer SAN, 2 ports

Ordering Model

FTB-859x Transceivers

FTB-8590 100 MB/s at 850 nm (100-M5-SL-I); LC connectors optical SFP transceiver module for FTB-8515 Packet Blazer SAN

FTB-8591 100 MB/s at 1300 nm (100-SM-LL-I); LC connectors optical SFP transceiver module for FTB-8515 Packet Blazer SAN
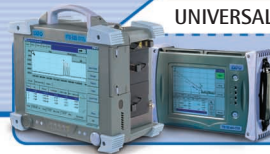
Laser Safety
21 CFR 1040.10	Class I Laser Product
IEC 60825-1	Class 1 Laser Product

Find out more about EXFO's extensive line of high–performance portable instruments by visiting our Web site at www.exfo.com

Rugged Handheld Solutions	UNIVERSAL TEST SYSTEM	Optical Fiber	DWDM Test Systems	Protocol
• OLTS • Power Meter • Light Source • Talk Set		• OTDR • OLTS • ORL • Switch	• OSA • PMD • Chromatic Dispersion Analyzer • Multiwavelength Meter	• 10/100 and Gigabit Ethernet • SONET/SDH (DS0 to OC-192c) • SDH/PDH (64 Kb/s to STM-64c) • 100 MB/s Fibre Channel

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