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Data Sheet

August 12, 2026

SMARTMETRICS

SmartMetrics FBC-3602A gigabit board for SMB6000 / 600

The SmartMetrics FBC-3602A is a gigabit network interface board designed for use with SmartMetrics SMB6000 and SMB600 series devices. It provides high-speed network connectivity for data transfer and communication within the system.



MODEL

SmartMetrics FBC-3602A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBC-3602A

LISTING

<https://aumictechlabs.com/products/fbc-3602a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The SmartMetrics FBC-3602A is a gigabit Fiber Channel performance analysis module engineered for deployment within SmartMetrics SMB-6000, SMB-6000B, SMB-6000C, and SMB-600 chassis. This module delivers high-speed network connectivity to evaluate and assess the reliability of storage area network devices utilizing Fiber Channel data transfer. It generates and analyzes high-traffic conditions to stress-test network devices while providing accurate, precise performance metrics.

Technical Specifications
Data Rates: 1 Gbps and 2 Gbps
Ports: 2 high-speed independent Fiber Channel ports
Stream Generation: 512 data streams
Stream Analysis: Up to 64K streams simultaneously
Frame Size Control: 0.4 KB to 16 KB per port with independent transmission control
Interface: GBIC module (industry-standard)
Power Input: 100-240 VAC, 50-60 Hz (nominal 115 or 230 VAC)
Host Control: Ethernet port for PC connectivity
Dimensions: 12" W

× 3.5" H × 12.5" D (30.8 cm W × 9 cm H × 32.1 cm D) Weight: 5.25 lbs (2.38 kg) loaded; 8.5 lbs (3.85 kg) shipping

Key Features Dual independent Fiber Channel ports enable simultaneous multi-stream testing Frame sizes from 0.4 KB to 16 KB support diverse protocol and payload scenarios Real-time analysis of up to 64K concurrent streams for comprehensive SAN validation GBIC-based interface provides flexibility and industry-standard compliance Single-slot integration within compatible chassis

Typical Applications Storage area network device performance validation Fiber Channel interface stress testing under sustained high-traffic loads Network reliability assessment and bottleneck identification RFC 1242 and RFC 2544 compliant performance testing

Compatibility & Integration The FBC-3602A integrates with SmartMetrics SMB-6000, SMB-6000B, SMB-6000C, and SMB-600 chassis. Software control via Windows 98, Windows 2000, or Windows NT operating systems on an IBM or compatible Pentium PC with 10/100 Mbps Ethernet connectivity. SmartWindow™, SmartLib™, and SmartApplications™ software packages provide comprehensive analysis capabilities.

Features & description

From manufacturer datasheet

Features

- Ports: 2 independent Fibre Channel ports per module
- Line rates: 1 Gbps and 2 Gbps (FBC-3602A); sibling FBC-3601A is 1 Gbps only
- Full line-rate traffic generation and analysis
- SmartMetrics: sequence tracking per stream, latency over time, latency per stream, latency variation
- Chassis: SmartBits 600 (up to 2 modules), 6000B/6000C (up to 12 modules)
- Optics: industry-standard GBIC (ACC-6019A MM / ACC-6020A SM required)
- Host control: PC via SmartWindow and related Spirent apps (Windows 98/2000/NT class)

FBC3602A Characteristics / Specifications

PARAMETER	VALUE
Model	FBC-3602A
Manufacturer	Spirent / SmartMetrics (SmartBits)
Instrument Type	Fibre Channel SmartMetrics Module
Alias	FBC-3602A; Spirent FBC-3602A Ports / Rate 2 FC ports; 1G and 2G line rate
Slot	1 open slot in SMB-600 / 6000B / 6000C Notes Specs from Spirent FBC-3601A/FBC-3602A SmartMetrics Fibre Channel Modules datasheet. Confirm GBICs and chassis type on the listing (SMB6000/600).
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Host control	PC via SmartWindow and related Spirent apps (Windows 98/2000/NT class)

FBC3602A Specifications

PARAMETER	VALUE
Key Features	- Ports: 2 independent Fibre Channel ports per module
Technical Specifications	Model: FBC-3602A
Ports / Rate	2 FC ports; 1G and 2G line rate

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.

performance testing. It generates and analyzes full line-rate Fibre Channel traffic at 1 Gbps and 2 Gbps, emulating many attached devices. Fits SmartBits 600, 6000B, and 6000C chassis (listing notes SMB6000/600). Requires GBIC optics (ACC-6019A multimode or ACC-6020A single-mode).

Applications
Fibre Channel SAN switch/storage stress testing; QoS and latency analysis; multi-device emulation without large physical fabrics; high-port-density SmartBits systems (up to 12 modules in 6000B/C).

- Key Features
- Ports: 2 independent Fibre Channel ports per module
 - Line rates: 1 Gbps and 2 Gbps (FBC-3602A); sibling FBC-3601A is 1 Gbps only
 - Full line-rate traffic generation and analysis
 - SmartMetrics: sequence tracking per stream, latency over time, latency per stream, latency variation
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Model	FBC-3602A
Manufacturer	Spirent / SmartMetrics (SmartBits)
Instrument Type	Fibre Channel SmartMetrics Module
Alias	FBC-3602A; Spirent FBC-3602A

Ports / Rate
2 FC ports; 1G and 2G line rate
Slot: 1 open slot in SMB-600 / 6000B / 6000C

Notes
Specs from Spirent FBC-3601A/FBC-3602A SmartMetrics Fibre Channel Modules datasheet. Confirm GBICs and chassis type on the listing (SMB6000/600).

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

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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.