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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E4203A

HP Agilent E4203A 155 Mb/s Protocol Line Interface The HP E4203A is a 155 Mb/s protocol line interface for the Broadband Series Test System. OEM 1997 BSTS catalog lists it with E1697A optical, E4205A UTP-5, and E1617A 52 Mb/s optical in the SONET/SDH line-interface family. STS-3c/STM-1 protocol-level ATM access where electrical/protocol rather than native optics is required. Works with E4209B Cell Protocol Processor The HP E4203A is a 155 Mb/s protocol line interface for the Broadband Series Test System. OEM 1997 BSTS catalog lists it with E1697A optical, E4205A UTP-5, and E1617A 52 Mb/s optical in the SONET/SDH line-interface family. STS-3c/STM-1 protocol-level ATM access where electrical/protocol rather than native optics is required. Works with E4209B Cell Protocol Processor Instrument Type: 155 Mb/s protocol line interface



MODEL

**Agilent / Keysight
E4203A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E4203A

LISTING

<https://aumictechlabs.com/products/e4203a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E4203A is a protocol line interface module designed for the Broadband Series Test System (BSTS), enabling test and analysis of fast-packet networks built on ATM and BISDN technologies. Operating at 155 Mb/s, this module supports ATM traffic management, signaling validation, and Packet over SONET/SDH testing. The E4203A integrates into the modular BSTS chassis to deliver protocol-level testing capabilities for telecommunications R&D, product

development, field trials, and quality assurance. This product is obsolete.

Technical Specifications
Data Rate: 155 Mb/s Technology: ATM (Asynchronous Transfer Mode) / BISDN (Broadband Integrated Services Digital Network) Form Factor: Module for BSTS chassis installation

Key Features
155 Mb/s line interface for high-speed protocol validation ATM traffic management and signaling test support Packet over SONET/SDH (POS) capability Switch and router interworking performance testing Third-generation network protocol verification Modular architecture for flexible system configuration

Typical Applications
ATM network protocol validation and conformance testing BISDN technology characterization POS (Packet over SONET/SDH) performance analysis Switch/router interworking verification Telecommunications R&D and product development Field trial deployment support Quality assurance and acceptance testing

Compatibility & Integration
The E4203A operates exclusively within the Agilent/Keysight Broadband Series Test System (BSTS) platform. It functions in conjunction with other BSTS modules and associated test software to provide integrated protocol testing across the ATM network stack.

E4203A Characteristics / Specifications

PARAMETER	VALUE
Model	E4203A
Instrument Type	155 Mb/s protocol line interface
Line Rate	155.52 Mb/s
Mapping Class	STS-3c/STM-1 protocol
Card Format	C-size VXI
Partner Processor	E4209B Cell Protocol Processor
Partner Chassis	E4200B/E4210B
Related Optical 1	E1697A 155 Mb/s STS-3c/STM-1 optical
Related Utp	E4205A 155 Mb/s UTP-5
Related Optical	E1617A 52 Mb/s STS-1/STM-0 optical
Manufacturer	HP Agilent Keysight
Use Case	155 Mb/s protocol ATM access
Atm Cell Rate Class	149.76 Mb/s as on E1697A
Standards Family	SONET/SDH ATM
Remote Control	BSTS UNIX controller
System Role	155 Mb/s protocol LIF
Form Factor	C-size VXI module
Bus	VXI
Slot Family	BSTS VXI
Related Atm Generator	E1693A
Related Atm Receiver	E1694A
Rate Sts12 Sibling	622.08 Mb/s E1618A
Catalog Group	SONET/SDH line interface modules

E4203A Specifications

PARAMETER	VALUE
HP Agilent E4203A 155 Mb/s Protocol Line Interface	Overview
Applications	STS-3c/STM-1 protocol-level ATM access where electrical/protocol rather than native optics is required.
Key Features	155 Mb/s protocol LIF
Works with E4209B Cell Protocol Processor	Companion to E1697A 155 Mb/s optical
Technical Specifications	Model: E4203A
Notes	From HP BSTS catalog identity for E4203A 155 Mb/s Protocol Line Interface. Connector pinout belongs on the E4203A datasheet.

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	
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PARAMETER	VALUE
Model	E4203A
Instrument Type	155 Mb/s protocol line interface
Line Rate	155.52 Mb/s
Mapping Class	STS-3c/STM-1 protocol
Card Format	C-size VXI
Partner Processor	E4209B Cell Protocol Processor
Partner Chassis	E4200B/E4210B
Related Optical 155	E1697A 155 Mb/s STS-3c/STM-1 optical
Related Utp5	E4205A 155 Mb/s UTP-5
Related Optical 52	E1617A 52 Mb/s STS-1/STM-0 optical
Manufacturer	HP Agilent Keysight
Use Case	155 Mb/s protocol ATM access
Atm Cell Rate Class	149.76 Mb/s as on E1697A
Standards Family	SONET/SDH ATM
Remote Control	BSTS UNIX controller
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Notes	
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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.